



# Human CTDSPL blocking peptide (CDBP0899)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-CTDSPL antibody                                                                                                                                                                                                                                                                                                                                                        |
| <b>Antigen Description</b> | CTDSPL (CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like) is a protein-coding gene. Diseases associated with CTDSPL include pandas, and azoospermia, and among its related super-pathways are Signaling by BMP. GO annotations related to this gene include phosphoprotein phosphatase activity and molecular_function. An important paralog of this gene is CTDSPL2. |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>        | Apuri, BL, ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Format</b>              | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.                                                                                                                                                                                                                                                                                                                                                             |

## GENE INFORMATION

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">CTDSPL CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like [ Homo sapiens ]</a>                                        |
| <b>Official Symbol</b> | CTDSPL                                                                                                                                                                |
| <b>Synonyms</b>        | CTDSPL; CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like; C3orf8, chromosome 3 open reading frame 8; CTD small phosphatase-like |

protein; HYA22; HYA22 protein; PSR1; RB protein serine phosphatase from chromosome 3; RBSP3; SCP3; small CTD phosphatase 3; CTDSP-like; NIF-like protein; NLI-interacting factor 1; small C-terminal domain phosphatase 3; nuclear LIM interactor-interacting factor 1; carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 3; C3orf8;

|                     |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez Gene ID      | <a href="#">10217</a>                                                                                                                      |
| mRNA Refseq         | <a href="#">NM_001008392</a>                                                                                                               |
| Protein Refseq      | <a href="#">NP_001008393</a>                                                                                                               |
| UniProt ID          | O15194                                                                                                                                     |
| Chromosome Location | 3p21.3                                                                                                                                     |
| Pathway             | BMP receptor signaling, organism-specific biosystem; Regulation of cytoplasmic and nuclear SMAD2/3 signaling, organism-specific biosystem; |
| Function            | hydrolase activity; metal ion binding; molecular_function; phosphoprotein phosphatase activity;                                            |