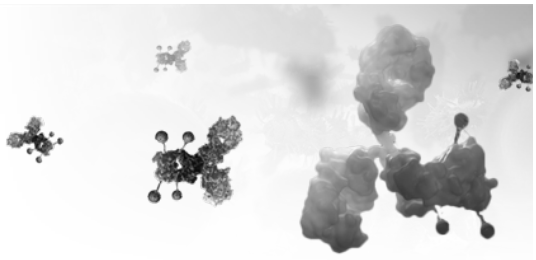

Human CTDSP1 blocking peptide (CDBP0898)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CTDSP1 antibody
Antigen Description	This gene encodes a member of the small C-terminal domain phosphatase (SCP) family of nuclear phosphatases. These proteins play a role in transcriptional regulation through specific dephosphorylation of phosphoserine 5 within tandem heptapeptide repeats of the C-terminal domain of RNA polymerase II. The encoded protein plays a role in neuronal gene silencing in non-neuronal cells, and may also inhibit osteoblast differentiation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CTDSP1 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 [Homo sapiens (human)]
Official Symbol	CTDSP1

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Synonyms	CTDSP1; CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1; NIF3; SCP1; NLIIF; NLI-IF; carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1; NLI-interacting factor 3; small C-terminal domain phosphatase 1; nuclear LIM interactor-interacting factor 3;
Entrez Gene ID	58190
mRNA Refseq	NM_001206878.1
Protein Refseq	NP_001193807.1
UniProt ID	Q9GZU7
Chromosome Location	2q35
Pathway	BMP receptor signaling, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Regulation of cytoplasmic and nuclear SMAD2/3 signaling, organism-specific biosystem;
Function	CTD phosphatase activity; metal ion binding; protein binding;

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