



# Human NANOG blocking peptide (CDBP1965)

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-NANOG (C Terminus) antibody                                                                                                                                                                                                                                       |
| <b>Antigen Description</b> | NANOG (Nanog homeobox) is a protein-coding gene. Diseases associated with NANOG include glycogen storage disease type 1a, and sacrococcygeal teratoma. GO annotations related to this gene include transcription corepressor activity and sequence-specific DNA binding transcription factor activity. |
| <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="#">NANOG Nanog homeobox [ Homo sapiens (human) ]</a>                                                                             |
| <b>Official Symbol</b> | NANOG                                                                                                                                     |
| <b>Synonyms</b>        | NANOG; Nanog homeobox; homeobox protein NANOG; hNanog; homeobox transcription factor Nanog; homeobox transcription factor Nanog-delta 48; |
| <b>Entrez Gene ID</b>  | <a href="#">79923</a>                                                                                                                     |

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| <b>mRNA Refseq</b>         | <a href="#">NM_024865.2</a>                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>      | <a href="#">NP_079141.2</a>                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q9H9S0                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 12p13.31                                                                                                                                                                                                                                                                                             |
| <b>Pathway</b>             | Cardiac Progenitor Differentiation, organism-specific biosystem; Proteoglycans in cancer, organism-specific biosystem; Proteoglycans in cancer, conserved biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; chromatin binding; enhancer sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;                                                                                                                             |