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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NANOGP8 (Human) Recombinant Protein (P01)

Catalog Number: H00388112-P01

Regulation Status: For research use only (RUO)

Product Description: Human NANOGP8 full-length ORF (AAH69807.1, 1 a.a. - 305 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSVDPACPQSLPCFEASDCKESSPMPVICGPEENYP
LQMSSAEMPHETVSPPLSSMDLLIQDSPDSSTSPKG
KQPTSAENSVAKKEDKVPVKKQKTRTVFSSTQLCVLN
DRFQRQKYLSLQQMQELSNILNLSYKQVKTWFQNR
MKSkrwQknnWPKNSngvtQKASAPTYPslySSyH
QGCLVNPTGNLPMWSNQTWNNSTWSNQTQNIQSWS
NHSWNTQTWCTQSWNNQAWNSPFYNCGEESLQSC
MHFQPNSPASDLEAALEAAGEGLNVIQQTTRYFSTPQ
TMDLFLNYSMNMQPEDV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 388112

Gene Symbol: NANOGP8

Gene Alias: MGC119250, NANOG, NANOGP1

Gene Summary: This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could potentially encode a protein similar to NANOG. Although there is no evidence of transcription from this pseudogene, RT-PCR studies suggest that NANOGP8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG. [provided by RefSeq]