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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DHPS (Human) Recombinant Protein (P01)

Catalog Number: H00001725-P01

Regulation Status: For research use only (RUO)

Product Description: Human DHPS full-length ORF (AAH14016, 1 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEGSLEREAPAGALAAVLKHSSTLPPESTQVRGYDFN
RGVNYRALLEAFGTTGFQATNFRAVQQVNAMIEKKL
EPLSQDEQHADLTQSRRLTSTIFLGYTSNLISSGIR
ETIRYLVQHNMDVLDVTTAGGVEEDLIKCLAPTYLGEF
SLRGKELRENGINRIGNLLVPNENYCKFEDWLMPILDQ
MVMEQNTGKWKTPSKMIARLGKEINNPESVYYWAQ
KNHIPVFPALTDGSLGDMIFFHSYKNPGLVLDIVEDLR
LINTQAIFAKCTGMILGGGVVKHHIANANLMRNGADYA
VYINTAQEFDGSDSGARPDEAVSWGKIRVDAQPVKVY
ADASLVFPLLVAETFAQKMDAFMHEKNED

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.33

Interspecies Antigen Sequence: Mouse (91); Rat (92)

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: 1725

Gene Symbol: DHPS

Gene Alias: MIG13

Gene Summary: The unusual amino acid hypusine is formed posttranslationally and is only found in a single cellular protein, eukaryotic translation initiation factor 5A. In the first step of hypusine biosynthesis, deoxyhypusine synthase catalyzes the NAD-dependent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the EIF5A precursor protein to form the intermediate deoxyhypusine residue. This gene consists of nine exons spanning 6.6 kb. Three transcript variants have been isolated. However, only transcript variant 1 encodes an active protein. The shorter variants may act as modulating factors of DHPS activity. [provided by RefSeq]