

Recombinant Human DHPS protein, GST-tagged

Cat. No. DHPS-11970H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human DHPS protein(1-369 aa), fused with N-terminal GST tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 1-369 aa

Form The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Storage Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

AA Sequence

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MEGSLEREAPAGALAAVLKHSSTLPPESTQVRGYDFNRGVNRYRALLEAFGTTGFQA  
TNFGRAVQQVNAMIEKKLEPLSQDEDQHADLTQSRRLTSTIFLGYTSNLISSGIRE  
TIRYLVQHNMVDVLVTTAGGVEEDLIKCLAPTYLGEFSLRGKELRENGINRIGNLLVP  
NENYCKFEDWLMPILDQMVMEQNTEGVKWTSPSKMIARLGKEINNPEVYWAQKN  
HIPVFSPALTDGSLGDMIFFHSYKNPGLVLDIVEDLRLINTQAIFAKCTGMILGGGVVK  
HHIANANLMRNGADYAVYINTAQEFDGSDSGARPDEAVSWGKIRVDAQPVKVYADA  
SLVFPLLVAETFAQKMDAFMHEKNED
```

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Purity 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol [DHPS](#)

Synonyms DHPS; deoxyhypusine synthase; MIG13; migration inducing gene 13; migration-inducing gene 13; DS; DHS;

Gene ID [1725](#)

mRNA Refseq [NM_001206974](#)


Protein Refseq [NP_001193903](#)

MIM [600944](#)

UniProt ID [P49366](#)

SDS-PAGE



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