

Product datasheet for TP720110XL

DHPS (NM_001930) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human deoxyhypusine synthase (DHPS), transcript variant 1 Species: Human E. coli **Expression Host: Expression cDNA Clone** Met1-Asp369 or AA Sequence: C-His Tag: **Predicted MW:** 42 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 3 months from date of receipt under proper storage and handling conditions. NP 001921 **RefSeq:** Locus ID: 1725 **UniProt ID:** P49366, A0A024R7D0 **Cytogenetics:** 19p13.13 Synonyms: DHS; DS; MIG13; NEDSSWI Summary: This gene encodes a protein that is required for the formation of hypusine, a unique amino acid formed by the posttranslational modification of only one protein, eukaryotic translation initiation factor 5A. The encoded protein catalyzes the first step in hypusine formation by transferring the butylamine moiety of spermidine to a specific lysine residue of the eukaryotic translation initiation factor 5A precursor, forming an intermediate deoxyhypusine residue. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2011]



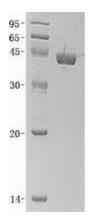
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