

32-7111: Recombinant Human Deoxyhypusine Synthase/DHS (C-6His)(Discontinued)

Gene : DHPS
Gene ID : 1725
Uniprot ID : P49366

Description

Source: E.coli.
MW :42.04kD.

Recombinant Human Deoxyhypusine Synthase is produced by our E.coli expression system and the target gene encoding Met1-Asp369 is expressed with a 6His tag at the C-terminus. Human Deoxyhypusine Synthase (DHS) is vital for the first step of hypusine biosynthesis. DHS catalyzes the NAD-dependent oxidative cleavage of spermidine, the subsequent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 20% Glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MEGSLEREAPAGALAAVLKHSSTLPPESTQVRGYDFNRGVNYRALLEAFGTTGFQATNFGRAVQQVNAMIEKK
LEPLSQDEQHADLTQSRRLTSTCTIFLGYTSNLISSGIRETIRYLVQHNMVDVLVTTAGGVEEDLIKCLAPTYLG
EFSLRGKELRENGINRIGNLLVPNENYCKFEDWLMPILOQVMEQNTGKWTSPKMIARLGKEINNPESVYY
WAQKNHIVFSPALTDGSLGDMIFFHSYKNPGLVLDIVEDLRLINTQAIFAKCTGMIILGGGVVKKHIANANLMR
NGADYAVYINTAQEFDGSDSGARPDEAVSWGKIRVDAQPVKVYADASLVFLLVAETFAQKMDAFMHEKNED
LEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.