

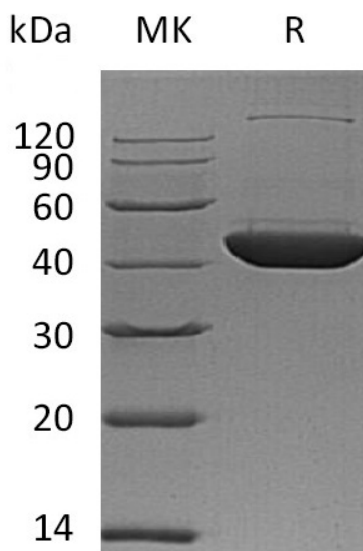
Product Name: Recombinant Human DHS (C-6His)
Catalog #: PEH0528



Summary

Name	Deoxyhypusine synthase/DHS
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P49366
Host	E.coli
Species	Human
Predicted Molecular Mass	42.04 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

Deoxyhypusine Synthase; DHS; DHPS; DS

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.