

[Go to Product page](#)

Datasheet for ABIN7318400

DHPS Protein (His tag)

Overview

Quantity:	50 µg
Target:	DHPS
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHPS protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human DHPS Protein (His Tag)
Sequence:	Met 1-Asp369
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	DHPS
Alternative Name:	DHPS (DHPS Products)
Background:	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

Target Details

specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue.

Synonym: Deoxyhypusine Synthase, DHS, DHPS, DS

Molecular Weight: 42.0 kDa

UniProt: [P49366](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 20 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.