Recombinant Human DHS

Cat. No. DHS-7917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Deoxyhypusine Synthase/DHS is produced with our E. coli expression system. The target protein is expressed with sequence (Met1Asp369) of Human Deoxyhypusine Synthase.
Species	Human
Source	E.coli
Description	Human Deoxyhypusine Synthase (DHS) is vital for the first step of hypusine biosynthesis. DHS catalyzes the NADdependent oxidative cleavage of spermidine, the subsequent transfer of the butylamine moiety of spermidine to the epsilonamino group of a specific lysine residue of the eIF5A precursor protein to form the intermediate deoxyhypusine residue.
Form	Supplied as a 0.2 μM filtered solution of 20mM TrisHCl, 100mM NaCl, 20% Glycerol, pH 8.0
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Store at less than 20°C. stable for 6 months after receipt.Please minimize freezethaw cycles.

GENE INFORMATION

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Gene Name	DHS dehydrated hereditary stomatocytosis [Homo sapiens]
Official Symbol	DHS
Synonyms	DHS; dehydrated hereditary stomatocytosis
Gene ID	10774
Chromosome Location	16q23-q24

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