

Recombinant Human Deoxyhypusine Synthase/DHS Protein(C-6His)

Cat.NO.: TP05373

3th Edition

Synonyms:Deoxyhypusine Synthase; DHS; DHPS; DS

Description: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.

Form:PBS

Molecular Weight:42.0 kDa

Sequences:Met 1-Asp369

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.