

**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.