

## 32-2270: DHPS Recombinant Protein

**Alternative Name :** MIG13,EC 2.5.1.46,Deoxyhypusine synthase,DHS,DHPS,DS.

### Description

Source : Escherichia Coli. DHPS Human Recombinant fused to 20 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 389 amino acids (1-369 a.a.) and having a molecular mass of 43.1 kDa. The DHPS is purified by proprietary chromatographic techniques. DHPS is vital for the first step of hypusine biosynthesis. DHPS catalyzes the NAD-dependent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the EIF5A precursor protein to form the intermediate deoxyhypusine residue.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	The DHPS solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol.
<b>Storage condition :</b>	DHPS Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MEGSLEREAP AGALAAVLKH SSTLPPESTQ VRGYDFNRGB NYRALLEAFG TTGFQATNFG RAVQQVNAMI EKKLEPLSQD EDQHADLTQS RRPLTCTIF LGYTSNLISS GIRETIRYLV QHNMVDVLVT TAGGVEEDLI KCLAPTYLGE FSLRGKELRE NGINRIGNLL VPNEYCKFE DWLMPILDQM VMEQNTEGVK WTPSKMIARL GKEINNPESV YYWAQKNHIP VFSPALTDGS LGDMIFFHSY KNPGLVDIV EDLRLINTQA IFAKCTGMII LGGGVVKHHI ANANLMRNGA DYAVYINTAQ EFDGSDSGAR PDEAVSWGKI RVDAQPVKVY ADASLVFPLL VAETFAQKMD AFMHEKNED.

