

## Deoxyhypusine Synthase Human Recombinant

<b>Item Number</b>	rAP-1844
<b>Synonyms</b>	MIG13, EC 2.5.1.46, Deoxyhypusine synthase, DHS, DHPS, DS.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P49366
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MEGSLEREAP AGALAAVLKH SSTLPPESTQ VRGYDFNRGV NYRAL-LEAFG TTGFQATNFG RAVQQVNAMI EKKLEPLSQD EDQHADLTQS RRPLTCTIF LGYTSNLISS GIRE-TIRYLV QHNMVDLVT TAGGVEEDLI KCLAPTYLGE FSLRGKELRE NGINRIGNLL VPENENYCKFE DWLMPILDQM VMEQNTEGVK WTPSKMIARL GKEINNPESV YYWAQKNHIP VFSPALTDGS LGDMIFFHSY KNPGLVLDIV EDRLINTQA IFAKCTGMII LGGGVVKHHI ANANLMRNGA DYAVYINTAQ EFDGSDSGAR PDEAVSWGKI RVDAQPVKVY ADASLVFPLL VAETFAQKMD AFMHEKNED.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear colorless solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks. Store, frozen at -20&deg;C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.
<b>Formulation and Purity</b>	The DHPS solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**