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# Recombinant Deoxyhypusine Synthase (DHPS)

**Catalog Number: SIPC483Hu01** **Spec: 50ug**

| | |
|---|---|
| **Product Name** | Recombinant Deoxyhypusine Synthase (DHPS) |
| **Catalog Number** | SIPC483Hu01 |
| **Organism Species** | Human |
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Residues** | Met1~Asp369 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Secreted |
| **Purity** | > 95% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose. |
| **Original Concentration** | 400μg/mL |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.) |
| **Predicted isoelectric point** | 5.2 |
| **Predicted Molecular Mass** | 44.7kDa |
| **Accurate Molecular Mass** | 45kDa as determined by SDS-PAGE reducing conditions. |

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

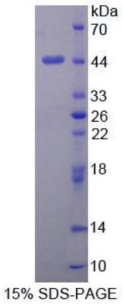
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

MEGSLEREAP AGALAAVLKH SSTLPPESTQ VRGYDFNRGV NYRALLEAFG
TTGFQATNFG RAVQQVNAMI EKKLEPLSQD EDQHADLTQS RRPLTSCTIF
LGYTSNLISS GIRETIRYLV QHNMVDVLVT TAGGVEEDLI KCLAPTYLGE
FSLRGKELRE NGINRIGNLL VPNENYCKFE DWLMPILDQM VMEQNTEGVK
WTPSKMIARL GKEINNPESV YYWAQKNHIP VFSPALTDGS LGDMIFFHSY
KNPGLVLDIV EDLRLINTQA IFAKCTGMII LGGGVVKHHI ANANLMRNGA
DYAVYINTAQ EFDGSDSGAR PDEAVSWGKI RVDAQPVKVY ADASLVFPLL
VAETFAQKMD AFMHEKNED

**[ IDENTIFICATION ]**



15% SDS-PAGE

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.