

# Human HMBS Recombinant Protein



RPPB1812

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## Product Information    Protein Information

**Product SKU:**

RPPB1812

**Accession:**

P08397

**Host:**

Escherichia Coli.

**Protein description:**

HMBS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 385 amino acids (1-361) and having a molecular mass of 41.9kDa. HMBS is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Porphobilinogen deaminase, PBG-D, Hydroxymethylbilane synthase, HMBS, Pre-uroporphyrinogen synthase, HMBS, PBGD, UPS, PORC.

**Formulation:**

The HMBS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMSGNGN AAATAEENSP KMRVIRVGTR KSQLARIQTD SVVATLKASY  
PGLQFEIIM STTGDKILD T ALSKIGEKSL FTKELEHALE KNEVDLVVHS LKDLPTVLPP GFTIGAICKR  
ENPHDAVVFH PKFVGKTLET LPEKSVVGTS SLRRAAQLQR KFPHFLEFRSI RGNLNTRLRK LDEQQEFSAI  
ILATAGLQRM GWHNRVGQIL HPEECMYAVG QGALGVEVRA KDQDILDVVG VLHDPETLLR CIAERAFLRH  
LEGGCSVPVA VHTAMKDGQL YLTGGVWSLD GSDSIQETMQ ATIHVPAQHE DGPEDDPQLV GITARNIPRG  
PQLAAQNLGI SLANLLLSKG AKNILDVARQ LNDAAH.