

# Human BHMT2 Recombinant Protein



RPPB1444

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## Product Information    Protein Information

**Product SKU:**

RPPB1444

**Accession:**

Q9H2M3

**Host:**

Escherichia Coli.

**Protein description:**

BHMT2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 386 amino acids (1-363 a.a.) and having a molecular mass of 42.7kDa. BHMT2 is fused to a 23 amino acid His-tag at N-terminus.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

BHMT2, Betaine--Homocysteine S-Methyltransferase 2, SMM-Hcy Methyltransferase, Betaine-Homocysteine Methyltransferase 2, S-Methylmethionine--Homocysteine S-Methyltransferase BHMT2, EC 2.1.1.10, EC 2.1.1.5.

**Formulation:**

BHMT2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 90.0% 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 SSGLVPRGSH MGSMAPAGRP GAKKGILERL ESGEVIGDG SFLITLEKRG YVKAGLWTPE  
AVIEHPDAVR QLHMEFLRAG SNVMQTFTFS ASEDNMESKW EDVNAAACDL AREVAGKGDA LVAGGICQTS  
IYKYQKDEAR IKKLFRRQLE VFAWKNVDFL IAEYFEHVEE AVWAVEVLKE SDRPVAVTMC IGPEGDMHDI  
TPGECVRLV KAGASIVGVN CRFGPDTSLK TMELMKEGLE WAGLKAHLMV QPLGFHAPDC GKEGFVDLPE  
YFPGLESRVA TRWDIQKYAR EAYNLGVRYI GGCCGFEPYH IRAIAEELAP ERGFLPPASE KHGSWGSGLD  
MHTKPWIRAR ARREYWENLL PASGRPFPCPS LSKPDF.