

Betaine-Homocysteine Methyltransferase 2 Human Recombinant

Item Number	rAP-2034
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.
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.
Uniprot Accession Number	Q9H2M3
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAPAGRP GAKKGILERL ESGEVIGDG SFLITLEKRG YVKAGLWTPE AVIEHPDAVR QLHMEFLRAG SNVMQFTTFS ASEDNMESKW EDVNAACDL AREVAGKGDA LVAGGICQTS IYKYQKDEAR IKKLFRRQLE VFAWKNVDFL IAEYFEHVVEE AVWAVEVL- KE SDRPVAVTMC IGPEGDMHDI TPGECAVRLV KAGASIVGVN CRFGPDTSLK TMELMKEGLE WAGLKAHLMV QPLGFHAPDC GKEGFVDLPE YPFGLESRVA TRWDIQKYAR EAYNLGVRYI GGCCGFEPYH IRAIAEELAP ERGFLPPASE KHGSWGSGLD MHTKPWIRAR ARREYWENLL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	BHMT2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**