

DATA SHEET

Betaine Homocysteine S-Methyltransferase Human Recombinant

Item Number	rAP-1953
Synonyms	BHMT, Betaine Homocysteine S-Methyltransferase 1, BHMT1.
Description	Betaine Homocysteine S-Methyltransferase Human Recombinant fused to His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 443 amino acids (21-236) and having a molecular mass of 49.2 kDa. The BHMT is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q93088
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMPP VGGKKAKKGI LERLNAGEIV IGDGGFVFAL EKRGYVKAGP WTPEAAVEHP EAVRQLHREF LRAGSNVMQT FTFYASEDKL ENRGNYVLEK ISGQEVNEAA CDIARQVADE GDALVAGGVS QTPSYLSCKS ETEVKKVFLQ QLEVFMKKNV DFLIAEYFEH VEEAVWAVET LIASGKPVAA TMCIGPEGDL HGVPPGECAV RLVKAGASII GVNCHFDPTI SLKTVKLMKE GLEAARLKAH LMSQPLAYHT PDCNKQGFIDLPEFPFGLEP RVATRWDIQK YAREAYNLGV RYIGGCCGFE PYHIRAIAEE LAPERGFLPPASEKHGSWGS GLDMHT- KPWV RARARKEYWE NLRIASGRPY NPSMSKPDGW GVTKGTAELM QQKEATTEQQ LKELFEKQKF KSQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution 1 mg/ml. 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).Please avoid freeze-thaw cycles.
Formulation and Purity	The BHMT solution contains 20mM Tris-HCl pH-7.5 and 20% glycerol. Greater than 95.0% 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