

Betaine-Homocysteine Methyltransferase Recombinant Protein | BHMT recombinant protein

Recombinant Human Betaine-Homocysteine Methyltransferase

CATALOG #

AAA38261

HOST

E Coli

PRODUCT SYNONYMS

Betaine-Homocysteine Methyltransferase; Recombinant Human Betaine-Homocysteine Methyltransferase; BHMT Human; Betaine Homocysteine S-Methyltransferase Human Recombinant; BHMT; Betaine Homocysteine S-Methyltransferase 1; BHMT1; BHMT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The BHMT solution (1mg/ml) contains 20mM Tris-HCl pH-7.5 and 20% glycerol.
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHPMP VGGKKAKKGI LERLNAGEIV IGDGGFVFAL EKRGYVKAGP WTPEAAVEHP EAVRQLHREF LRAGSNVMT FTFYASEDKL ENRGNYVLEK ISGQEVNEAA CDIARQVADE GDALVAGGVS QTPSYLSCKS ETEVKKVFLQ QLEVFMKKNV DFLIAEYFEH VEEAVWAVET LIASGKPVA TMCIGPEGDL HGVPPEGCAV RLVKAGASII GVNCHFDPTI SLKTVKLMKE GLEAARLKAH LMSQPLAYHT PDCNKQGFID LPEFPFGLP RVATRWDIQQ YAREAYNLGV RYIGGCCGFE PYHIRAIAEE LAPERGLPP ASEKHGSWGS GLDMHTKPWV RARARKEYWE NLRIASGRPY NPSMSKPDGW GVTKGTAELM QQKEATTEQQ LKELFEKQKF KSQ
Sequence Length	406
Physical Appearance	Sterile Filtered clear colorless solution .
Preparation and Storage	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 recommend to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-cycles.

ADDITIONAL INFORMATION

Related Product Information for BHMT recombinant protein	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.
Product Categories/Family for BHMT recombinant protein	Enzymes; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266337
NCBI GeneID	635
NCBI Accession #	NP_001704.2
NCBI GenBank Nucleotide #	NM_001713.2
UniProt Accession #	Q93088 ; Q9UNI9

NCBI Official Full Name	betaine--homocysteine S-methyltransferase 1
NCBI Official Synonym Full Names	betaine--homocysteine S-methyltransferase
NCBI Official Symbol	BHMT
NCBI Official Synonym Symbols	BHMT1; HEL-S-61p
NCBI Protein Information	betaine--homocysteine S-methyltransferase 1; epididymis secretory sperm binding protein Li 61p
UniProt Protein Name	Betaine--homocysteine S-methyltransferase 1
UniProt Gene Name	BHMT
UniProt Entry Name	BHMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bhmt-recombinant-protein-e-coli/38261>