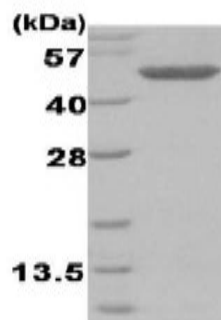


BHMT

Recombinant Human betaine-homocysteine Methyltransferase (aa 1-406) His

Catalog No.	CSI15675A CSI15675B	Quantity:	100 µg 500 µg
Alternate Names:	BHMT1		
Description:	Betaine-homocysteine methyltransferase (BHMT) is a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. BHMT displays differential expression in a model of liver cirrhosis. Recombinant human BHMT, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques.		
Concentration:	1 mg/ml (determined by Bradford assay)		
GeneID:	635		
Protein Accession No:	NP_001704		
Source:	<i>E. coli</i>		
Molecular Weight:	49.2 kDa (443 aa), confirmed by MALDI-TOF		
Formulation:	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol		
Purity:	> 95% by SDS - PAGE		
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 HGVPPGECV RLVKAGASII GVNCHFDPTI SLKTVKLMKE GLEAARLKAH LMSQPLAYHT PDCNKQGFID LPEFPFGLP RVATRWDIQK YAREAYNLGV RYIGGCCGFE PYHIRAIAEE LAPERGFLPP ASEKHGSWGS GLDMHTKPWV RARARKEYWE NLRIASGRPY NPSMSKPDGW GVTKGTAEML QQKEATTEQQ LKELFEKQKF KSQ		
Application:	SDS-PAGE		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		





15% SDS-PAGE (3ug)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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