

Product datasheet for **AR09005PU-L**

BHMT (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	BHMT (His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMPP VGGKKAKKGI LERLNAGEIV IGDGGFVFAL EKRGYVKAGP WTPEAAVEHP EAVRQLHREF LRAGSNVMQT FTFYASEDKL ENRGNYVLEK ISGQEVNEAA CDIARQVADE GDALVAGGVS QTPSYLSCKS ETEVKKVFLQ QLEVFMKKNV DFLIAEYFEH VEEAVWAVET LIASGKPVAA TMCIGPEGDL HGVPPEGCAV RLVKAGASII GVNCHFDPTI SLKTVKLMKE GLEAARLKAH LMSQPLAYHT PDCNKQGFID LPEFPFGLPEP RVATRWDIQK YAREAYNLGV RYIGGCCGFE PYHIRAIAEE LAPERGFLLP ASEKHGSWGS GLDMHTKPWW RARARKEYWE NLRASGRPY NPSMSKPDGW GVTKGTAELM QQKEATTEQQ LKELFEKQKF KSQ
Tag:	His-tag
Predicted MW:	49.2 kDa
Concentration:	lot specific
Purity:	>95% > / = 95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 7.5, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BHMT, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001704
Locus ID:	635
UniProt ID:	Q93088 , V9HWA4
Cytogenetics:	5q14.1



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Synonyms: BHMT1; HEL-S-61p

Summary: This gene encodes a cytosolic enzyme that catalyzes the conversion of betaine and homocysteine to dimethylglycine and methionine, respectively. Defects in this gene could lead to hyperhomocyst(e)inemia, but such a defect has not yet been observed. [provided by RefSeq, Jul 2008]

Protein Pathways: Cysteine and methionine metabolism, Glycine, serine and threonine metabolism, Metabolic pathways

Product images:

