

Recombinant Full Length Human BHMT Protein, GST-tagged

Cat. No. BHMT-1621HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BHMT full-length ORF (AAH12616, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	406 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	70.40 kDa
AA Sequence	MPPVGGKKAK KGILERLNAG EIVIGDGGFV FALEKRGYVK AGPWTPEAAV EHPEAVRQLH REFLRAGSNV MQTFTFYASE DKLENRGNVY LEKISGQEVN EAACDIARQV ADEGDALVAG GVSQTPSYLS CKSETEVKKV FLQQLEVFMK KNVDFLIAEY FEHVVEAVWA VETLIASGKP VAATMCIGPE GDLHGVPPGE CAVRLVKAGA SIIGVNCHFD PTISLKTIVKL MKEGLEAARL KAHLMSQPLA YHTPDCNKQG FIDLPEFPFG LEPRVATRWD IQKYAREAYN LGVRYIGGCC GFEPYHIRAI AEELAPERGF LPPASEKHGS WGSGLDMHTK PWVRARARKE YWENLRIASG RPYNPSMSKP DGWGVTKGTA ELMQQKEATT EQQLKELFEK

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QKFKSQ

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BHMT betaine--homocysteine S-methyltransferase [Homo sapiens]

Official Symbol BHMT

Synonyms BHMT; betaine--homocysteine S-methyltransferase; betaine--homocysteine S-methyltransferase 1; betaine homocysteine methyltransferase; BHMT1

Gene ID 635

mRNA Refseq NM_001713

Protein Refseq NP_001704

MIM 602888

UniProt ID Q93088

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