

32-2187: BHMT Recombinant Protein

Alternative Name : BHMT, Betaine Homocysteine S-Methyltransferase 1, BHMT1.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 50 µg

Purification : Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Content : The BHMT solution contains 20mM Tris-HCl pH-7.5 and 20% glycerol.

Storage condition : BHMT Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.

Amino Acid : MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHPMP VGGKKAKKGI LERLNAGEIV
IGDGGFVFAL EKRGYVKAGP WTPEAAVEHP EAVRQLHREF LRAGSNVMQT FTFYASEDKL ENRGNYVLEK
ISGQEVNEAA CDIARQVADE GDALVAGGVS QTPSYLSCKS ETEVKKVFLQ QLEVFMKKNV DFLIAEYFEH
VEEAVWAVET LIASGKPVAA TMCIGPEGDL HGVPPECAV RLVKAGASII GVNCHFDPTI SLKTVKLMKE
GLEAARLKAH LMSQPLAYHT PDCNKQGFIDLPEFPFGLER RVATRWDIQK YAREAYNLGV RYIGGCCGFEE
PYHIRAIAEE LAPERGFLPPASEKHGWSGS GLDMHTKPWV RARARKEYWE NLRIASGRPY NPSMSKPDGW
GVTKGTAELM QQKEATTEQQ LKELFEKQKF KSO.

