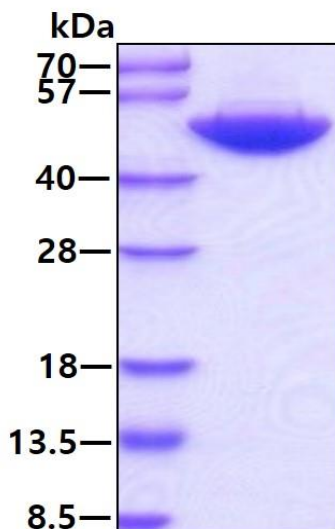


# BHMT, Human Recombinant

<b>CATALOG NO:</b>	P1570-20      20 µg P1570-100     100 µg
<b>ALTERNATE NAMES:</b>	Betaine-homocysteine methyltransferase, Betaine-homocysteine S-methyltransferase 1, EC 2.1.1.5
<b>MOL. WT.</b>	49.2 kDa (aa 443) (N-terminal His Tag)
<b>SOURCE:</b>	<i>E. coli</i>
<b>PURITY:</b>	>95% SDS - PAGE
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol
<b>STORAGE CONDITIONS:</b>	Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
<b>DESCRIPTION:</b>	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.
<b>AMINO ACID SEQUENCE:</b>	aa 1-406



3 µg by SDS-PAGE under reducing condition and stained by coomassie blue stain.

## RELATED PRODUCTS:

- Homocysteine  $\alpha,\gamma$ -Lyase (rHCYase), Active, Recombinant (P1117)
- Homocysteine Assay Kit (Fluorometric) (K531)
- Homocysteine Lyase Activity Assay Kit (Fluorometric) (K2026)
- Homocysteine ELISA Kit (E4543)

**FOR RESEARCH USE ONLY! Not to be used on humans.**