

Recombinant Mouse Bhmt Protein, MYC/DDK-tagged

Cat. No. Bhmt-709M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse betaine-homocysteine methyltransferase, complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the regulation of homocysteine metabolism. Converts betaine and homocysteine to dimethylglycine and methionine, respectively. This reaction is also required for the irreversible oxidation of choline.
Molecular Mass	45 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Bhmt betaine-homocysteine methyltransferase [Mus musculus (house mouse)]
Official Symbol	Bhmt
Synonyms	Bhmt; betaine-homocysteine methyltransferase; betaine--homocysteine S-methyltransferase 1; EC 2.1.1.5
Gene ID	12116
mRNA Refseq	NM_016668
Protein Refseq	NP_057877
UniProt ID	O35490

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