

Recombinant Mouse Bhmt2 Protein, Myc/DDK-tagged

Cat. No. Bhmt2-1865M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length betaine-homocysteine methyltransferase 2 (Bhmt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the regulation of homocysteine metabolism. Converts homocysteine to methionine using S-methylmethionine (SMM) as a methyl donor.
Molecular Mass	39.8 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.

GENE INFORMATION

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Gene Name	Bhmt2 betaine-homocysteine methyltransferase 2 [Mus musculus (house mouse)]
Official Symbol	Bhmt2
Synonyms	BHMT2; betaine-homocysteine methyltransferase 2; S-methylmethionine--homocysteine S-methyltransferase BHMT2; SMM-hcy methyltransferase; betaine--homocysteine S-methyltransferase 2; C81077; D13Ucla2
Gene ID	64918
mRNA Refseq	NM_022884
Protein Refseq	NP_075022
UniProt ID	Q91WS4

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