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Product datasheet for TP505575

Bhmt2 (NM_022884) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse betaine-homocysteine methyltransferase 2 (Bhmt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205575 protein sequence Red=Cloning site Green=Tags(s) MAPAGSTRAKKGILERLDSGEVVVGDGGFLFTLEKRGFVKAGLWTPEAVVEHPSAVRQLHTEFLRAGADV LQTFTFSATEDNMASKWEAVNAAACDLAQEVAGGGGALVAGGICQTSLYKYHKDETRIKNIFRLQLEVFA RKNVDFLIAEYFEHVEEAVWAVEVLREVGAPVAVTMCIGPEGDMHDVTPGECAVKLARAGADIIGVNCRF GPWTSLQTMKLMKEGLRDASLQAHLMVQCLGFHTPDCGKGGFVDLPEYPFGLEPRVATRWDIQKYAREAY NLGIRYIGGCCGFEPYHIRAIAEELAPERGFLPPASEKHGSWGSGLNMHTKPWIRARARREYWENLLPAS GRPFCPSLSKPDA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_075022
Locus ID:	64918
UniProt ID:	Q91WS4

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RefSeq Size:	2090
Cytogenetics:	13 47.88 cM
RefSeq ORF:	1092
Synonyms:	C81077; D13Ucla2
Summary:	Involved in the regulation of homocysteine metabolism. Converts homocysteine to methionine using S-methylmethionine (SMM) as a methyl donor.[UniProtKB/Swiss-Prot Function]