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Product datasheet for TP504030

Gnmt (NM_010321) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycine N-methyltransferase (Gnmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204030 protein sequence Red=Cloning site Green=Tags(s) MVDSVYRTRSLGVAAEGLPDQYADGEAARVWQLYIGDTRSRTAEYKAWLLGLLRQHGCHRVLDVACGTGV DSIMLVEEGFSVMSVDASDKMLKYALKERWNRRKEPSFDNWVIEEANWLTLDKDVLSGDGFDAVICLGNS FAHLPDCKGDQSEHRLELKNIASMVRPGGLLVIDHRNYDYILSTGCAPPGKNIYYKSDLTKDITTSVLTV NNKAHMVTLDYTVQVPGTGRDGSPGFSKFRLSYYPHCLASFTELVRAAFGGRCQHSVLGDFKPYKPGQAY VPCYFIHVLKKTD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.7 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_034451
Locus ID:	14711
UniProt ID:	Q9QXF8

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RefSeq Size:	1042
Cytogenetics:	17 C
RefSeq ORF:	882
Summary:	Catalyzes the methylation of glycine by using S-adenosylmethionine (AdoMet) to form N-methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy). Possible crucial role in the regulation of tissue concentration of AdoMet and of metabolism of methionine (By similarity).[UniProtKB/Swiss-Prot Function]