

Product datasheet for TP503504

Inmt (NM_009349) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse indolethylamine N-methyltransferase (Inmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203504 protein sequence Red =Cloning site Green =Tags(s)
	MEGKVYIGGEDYEKEFTPKDYLTYYSFHSGPVAEQEIVKFSLQNLQYQTFSTGGVGGDVLIDIGSGPTIY QLLSACEVFREIIVTDYTPQNLQELQKWLKKEPGAYDWSSIVQHACELEGDRSRWQEKEAKLRRTVTRVL RCDVTKTPPLGSAQVPLADCVLTLFLAMECACPDIDTYRAALRRLAGLLKPGGHLVTLVTLRFQHYMVGPK KFSGVYLEKEVEKAIQDAGCQVLKNCVLSYSEAYCSHDGLCFVWARKGPSA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	29.5 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_033375
Locus ID:	21743
UniProt ID:	P40936
RefSeq Size:	1023



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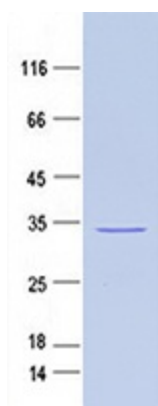
Cytogenetics: 6 B3

RefSeq ORF: 795

Synonyms: Temt

Summary: Catalyzes the N-methylation of tryptamine and structurally related compounds (By similarity). Functions as thioether S-methyltransferase and is active with a variety of thioethers and the corresponding selenium and tellurium compounds, including 3-methylthiopropionaldehyde, dimethyl selenide, dimethyl telluride, 2-methylthioethylamine, 2-methylthioethanol, methyl-n-propyl sulfide and diethyl sulfide. Plays an important role in the detoxification of selenium compounds.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Inmt was analyzed by SDS-PAGE gel and Coomassie Blue Staining.