

Product datasheet for TP523346

Trmo (NM_029086) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tRNA methyltransferase O (Trmo), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223346 representing NM_029086 Red =Cloning site Green =Tags(s) MRGLEKQGSCATAAPCGCVQPALEAGNLLTEPIGYLESCFPAKIGTPRQPSICSHSRACLKIRKNIFNNP EHSLMGLEEFSHVWILFVFHKNHNLNYKAKVQPPRLNGAKTGVFSTRSPHRPNAIGLTLAKLEKVEGGAV YLSGVD MIDGTPVL DIKPYIADYDSPQNLSVHNDHHLRAEAQVDGTANSCDQLLLSGRGKVQPRQSTKE RPKCLEDR TSGENSQKSRDMSEIQHTLPEDRERALDLALEPSRGESMDMPENQLGPPELKS FLEEGTDRP RKVEGALVLP GSSAETQWDASYRARTADRV PYSVVP SWVTEAPVAPLQVRFTPHAEMDLRKLNSGDASQP SFKYFHSAAEEAKRAIEAVLSADPRSVYRRKLCEDRLFFFTVDTAHVTCWFGDGF AEVVRIKLASESVQTV LPPSPSPNGREEQSSVEEEVQQRAGPSRRAAPRAASMLLT PQSSSLATSAL THWAISLPPLPQGLVFS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	54.1 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_083362
Locus ID:	74753


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UniProt ID:	<u>Q562D6</u>
RefSeq Size:	1558
Cytogenetics:	4 B1
RefSeq ORF:	1464
Synonyms:	5830415F09Rik; AV014846; Nap1
Summary:	S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA.[UniProtKB/Swiss-Prot Function]