

Product datasheet for **TP504892**

Trub2 (NM_145520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TruB pseudouridine (psi) synthase family member 2 (Trub2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204892 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGSSGLARLQGLFAVYKPPGLKWLHLRETVELQLLKGLNAQQPPAPDQVRVFLGPGVEGSEEKKLTLRAT NVPSTLTHRLVRGPAFTNLKIGVGHRLDVQASGVLVLAVGHGRSLLTDMYDAHLTKDYTVRGLLGKATDN FCEDGRLEKTTYDHTVTRERLDRLAVIQGSHQKALVMYSNLDLKSQEAYEMAVQGVIRPMNKSPMLISG IRCLHFAPPEFLLEVQCMHETQQQLRKLVEIGLELKTSVACTQVRRTDGGFFGLDDALLRTQWDLHNIQ DAIQAAAPRVAAELQKNLSLKLGHHPSTGQPWGLKDPSSSTLELESCSGQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	36.8 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_663495
Locus ID:	227682
UniProt ID:	Q91WG3



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RefSeq Size:	4003
Cytogenetics:	2 B
RefSeq ORF:	993
Synonyms:	G430055L02Rik
Summary:	<p>Minor enzyme contributing to the isomerization of uridine to pseudouridine (pseudouridylation) of specific mitochondrial mRNAs (mt-mRNAs) such as COXI and COXIII mt-mRNAs. As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPUSD3, RPUSD4, TRUB2, FASTKD2 and 16S mitochondrial ribosomal RNA (16S mt-rRNA), controls 16S mt-rRNA abundance and is required for intra-mitochondrial translation.</p> <p>[UniProtKB/Swiss-Prot Function]</p>