

Product datasheet for TP515794

Thg1l (NM_001080969) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tRNA-histidine guanylyltransferase 1-like (<i>S. cerevisiae</i>) (Thg1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215794 protein sequence Red =Cloning site Green =Tags(s)
	MWAFRTARIGSLLAATSVILRRCLRLGVAMAKSKFEYVRNFVQDTCLPHCWWWRLDGRNFHRFAEEHN FAKPNSRALHLMTKCAQTVMEELDIVIAYGQSDEYSFVFRKSNWFKRRASKFMTLVASQFASSYVFY WRDYFEDQPLRYPGFDGRVLYPSNQTLKDYLSWRQADCHINNLYNTVFWALIQSGLTPVQAQQRL KG TLTADKNEILFSEFHINYNNEPHMYRKGTVLVWQKVEEVRTQEVRLPAEMEGEKKAVARTRTRVALNCD LIGDAFWKEHPEILAEEN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	35 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_001074438
Locus ID:	66628
UniProt ID:	Q9CY52



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RefSeq Size:	3797
Cytogenetics:	11 B1.1
RefSeq ORF:	894
Synonyms:	1700121M19Rik; 5730409G07Rik; AA387658; RP23-298M7.6
Summary:	Adds a GMP to the 5'-end of tRNA(His) after transcription and RNase P cleavage. This step is essential for proper recognition of the tRNA and for the fidelity of protein synthesis. [UniProtKB/Swiss-Prot Function]