

Product datasheet for TP505190

Qtrt2 (NM_029128) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse queuine tRNA-ribosyltransferase accessory subunit 2 (Qtrt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205190 protein sequence Red=Cloning site Green=Tags(s)

MKLSLIKVVNGCRLGKIQNLGKAGDCTVDIPGCLLYTRTGSAPHLTHQTLRNIHGVPGIAQLTLSSLAEH
HEVLAEYKKGVGSGFIGMPESLFYCSLHDPVTPGPAGYVTSKVLQKSVIIGVIEGGDVMEERLRSARETAK
RPVGGFLLDGFQGDPAVTETRLHLLSSVTAELPEDKPRLCGVS RPDEVLECIERGVDLFESFFPYQVTE
RGCALTFTFDCQLNPEETLLQQNGIQEKIKGLDQAKKIEATGCNQEMTSFEINLKEKKYQEDFDPLVRGC
SCYCCKNHTRAYIHLLMTNELLAGVLLMMHNFHYFGFFCSIREALKNDTLAQLKELICRQMF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.3 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_083404
Locus ID:	106248
UniProt ID:	B8ZXI1 , Z4YJE9



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RefSeq Size: 2838

Cytogenetics: 16 B4

RefSeq ORF: 1035

Synonyms: 3110012M05Rik; 4930470H18Rik; AI648807; Qtrt2

Summary: Non-catalytic subunit of the queuine tRNA-ribosyltransferase (TGT) that catalyzes the base-exchange of a guanine (G) residue with queuine (Q) at position 34 (anticodon wobble position) in tRNAs with GU(N) anticodons (tRNA-Asp, -Asn, -His and -Tyr), resulting in the hypermodified nucleoside queuosine (7-(((4,5-cis-dihydroxy-2-cyclopenten-1-yl)amino)methyl)-7-deazaguanosine).[UniProtKB/Swiss-Prot Function]