

Product datasheet for TP507704

Pus3 (NM_023292) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pseudouridine synthase 3 (Pus3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207704 protein sequence Red =Cloning site Green =Tags(s) MAENTDRNQIEKLLNRVKELEQEVERLKKKKEQANNIKDSSIRENSLGSGKAKRAFDFAHGRRHVALKI AYLGWGYQGAFASQENTSNTIEEKLFEALTKTRLVESRQTSNYHRCGRDCKGVSAFGQVISLRLRSQFPTS RSEDSNLKHEADDLAKEIRYTHILNRVLPADIRVLAWAPVEPSFSARFSCLETTYRYFFPRADLDIATM NYAAQKYVGTHDFRNLCMDVANGVINFRQRTILCAQVQLVAQSPGEERRQEPFQLCQFEVIGQAFLYHQ V RCMMAILFLIGQGMEKPEIIDELLNIQKNPQKPQYSMAVEFPLVLYDCKFENTKWIYDHEVQEFNVTHLQ QLWANHAVKTHMLYSMLQGLDSVMVTCAAGTKMDEATEWRNIQPPVIKHTSAFVEGVKMRTYKPLMD RPK CQGLSRIRHFVSRGRIEHPHLLHKEEIKARRDCADKEENTVVENPSKRVCIIDAEINSIA TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	55.5 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.


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RefSeq:	<u>NP_075781</u>
Locus ID:	67049
UniProt ID:	<u>Q9J138</u>
RefSeq Size:	2012
Cytogenetics:	9 A4
RefSeq ORF:	1443
Synonyms:	2610020J05Rik; 5730412F04Rik
Summary:	Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs. Also acts on position 38, but much less efficiently.[UniProtKB/Swiss-Prot Function]