Product datasheet for TP503327

Tyw3 (NM_172474) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) (Tyw3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203327 protein sequence Red=Cloning site Green=Tags(s) MDRSAEFGRWKAQSLSKADLSRKGSVDEDAVEVVELLNSREEFFTTSSCAGRILLLDGSTEGSGVQKQHC CWLLVTHKPCARDDVMAALKGATSEAVLKFEPFILHVQCRTLQDAQTLHSVAIDSGFRNSGITVGKRGKT MLAVRGTHGLEVPLTHKGKLMVTEEYIEFLLTIANQKMEENKRRIGRFYNYLQHALKRETISNSHSKIKE RNNPLCTHKNRRSQGKAQGPSTTEDNGRELEDGDGLEISAALFLGDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	28.6 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_766062
Locus ID:	209584
UniProt ID:	Q8BSA9
RefSeq Size:	4404

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Cytogenetics:	3 H4

RefSeq ORF:	771
Synonyms:	5230400J09Rik
Summary:	Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA (By similarity).[UniProtKB/Swiss-Prot Function]