

Product datasheet for **TP503543**

Ttc19 (BC037111) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tetratricopeptide repeat domain 19 (cDNA clone MGC:47198 IMAGE:5370464), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203543 representing BC037111 Red =Cloning site Green =Tags(s) MKDEPEAAELILHDALRLAYESDNRKAITTYDLMANLAFIRGQLENAEQLFKATMSYLLGGGMKQEDNA IIEISLKLANIYAAQNKQEFALAGYEFICISTLEGKIEREKELAEDIMSEETANTYLLGMCLDSCARYLL FSKQLSQAQRMYEKALQICQEIQGERHPQTIVLMSDLATTLDAQGHFDDAYIYMQRASDLAREINHPELH MVLSNLAAILIHRERYTQAKEIYQEALKRAELKRDEVSVQHIREELAELSRKSRRLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	93.4 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.
Locus ID:	72795
UniProt ID:	<u>Q8CC21</u>
RefSeq Size:	2548


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Cytogenetics:	11 B2
RefSeq ORF:	801
Synonyms:	2010204O13Rik; 2810460C24Rik; AI505442
Summary:	Required for the preservation of the structural and functional integrity of mitochondrial respiratory complex III by allowing the physiological turnover of the Rieske protein UQCRFS1 (PubMed:21278747, PubMed:28673544). Involved in the clearance of UQCRFS1 N-terminal fragments, which are produced upon incorporation into the complex III and whose presence is detrimental for its catalytic activity (PubMed:28673544).[UniProtKB/Swiss-Prot Function]