

Product datasheet for TP510966

1300001I01Rik (BC072573) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 1300001I01 gene (cDNA clone MGC:99410 IMAGE:5705116), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210966 protein sequence Red =Cloning site Green =Tags(s)

MVIKTDELPAAPADSAREHGSQAGGKGRPNAADLPSVMLLNGDCSENLKKEEGTSEPPRENLDEGEPG
DETTGQEVIMIQDTGFSVKILAPGIEPFLQVSPQEMVQEIHQVLMREDTCHRTCSLHLDGNMLDHFS
ELRSVEGLQEGSVLRVVEEPTVREARIHVHRVDRLLKSLDPSDAFNGVDCNSLSFLSVFTDGDLDGDSGK
RKKGLEMDPIDCTPPEYILPGSRERPLCPLQPQNRDQKPLQCLKVLMSGWNPPPGNRKMHGDLMYLFVI
TAEDRQVSITASTRGFYLNQSTAYHFNPKPASPRFLSHSLVELLNQISPTFKKNFAVLQKKRVQRHPFER
IATPFQVYSWTAPQAEHAMDCVRAEDAYTSRLGYEEHIPGQTRDWNEELQTTRELPRKNLPERLLRERAI
FKVHSDFTAAATRGAMAVIDGNVMAINPSDETKMQMFIWNNIFFSLGFDVRDHYKDFGGDVAAYVAPTND
LNGVRTYNAVDVEGLYTLGTWVDYRGYRVTAQSIIPGILERDQEQSVIYGSIDFGKTVSHPRYLELLE
RTSRPLKILRHRVLRNDRDEEVELCSSVECKGIIGNDGRHYILDLLRTFPPDLNPLPVPGEELPEECSRAG
FPRTHRHKLCCLRQELVDAFVEHRYLLFMKLAALQLMQQKASKVETTTSLENGGLPSSAETKSEDSIGPE
AGCEEEGSSVSLAKVKELAETIASDDGTVDPRSREVRNACKAVGSISSAFDIRFNPDI FSPGVRFPPE
SCQDEVRDQKQLLKDA AFLLSQCIPGLVREGLKGWVGAAERGCCPLVPPVPWFLDHENLLVTSALASP
SLAHWQCPI SQR RRQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	95.6 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



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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:	74148
UniProt ID:	Q5SW19
RefSeq Size:	6121
Cytogenetics:	11
RefSeq ORF:	2568
Synonyms:	1300001I01Rik; Kiaa0664; mKIAA0664
Summary:	mRNA-binding protein involved in proper cytoplasmic distribution of mitochondria. Specifically binds mRNAs of nuclear-encoded mitochondrial proteins in the cytoplasm and regulates transport or translation of these transcripts close to mitochondria, playing a role in mitochondrial biogenesis.[UniProtKB/Swiss-Prot Function]