

## 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 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MVIKTDELPAAPADSAREHGSQAGGKGRPNAA DLPSVMLLNGDCSEN LKKEEGTSEPPRENGLDEGEP G DETTGQEVIVIQDTGFSVKILAPGIEPFS LQVSPQEMVQEIHQV LMDREDTCHRTCFSLHLDGNMLDHFS ELRSVEGLQEGSVLRVVEEPTVREAR IHVRHVRDLLKSLDPSDAFNGVDCNSLSF LSVFTDGDLDGDSGK RKKGLEMDPIDCTPPEYILPGSRERPLCPLQPQNRDWKPLQCLKVL TMSGWNPPPGNRKMHGDLMYLF VI TAEDRQVSITASTRGFYLNQSTAYHFNPKPASPRFLSHSLVELLNQISPTFKKNFAVLQKKRVQRHPFER IATPFQVYSWTAPQAEHAMDCVRAEDAYTSRLGYEEHIPGQTRD WNEELQTTRELPRKNLPERLLRERAI FKVHSDFTAAATRGAMAVIDGNVMAINPSDETKMQMFIWNNIFFSLGFDVRDHYKDFGGDVAAYVAPT ND LNGVRTYNAVDVEGLYTLGTVVVDYRGYRVTAQSIIPGILERDQE QSVIYGSIDFGKTVWSHPRYLELLE RTSRPLKILRHRV LNDRDEEVELCSSVECKGIIGNDGRHYILDLLR TFPDLNFLPVPGEELPEECSRAG FPRTHRHKLCCLRQELVDAFVEHRYLLFMKLAALQLMQQKASKVET TTSLENGGLPSSAETKSEDSIGPE AGCEEEGSSVSLAKVKELAETIASDDGTVDPRSREVIRNACKAVG SISISSTAFDIRFNPDI FSPGVRFPE SCQDEV RDQKQLLKDAAAFLLSCQIPGLVREGLKGWVGA AERGCCPLVPPVPWFLDH IENLLVTSALASP SLAHWQCPI SQRRRQI</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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



[View online »](#)

---

<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Locus ID:</b>	74148
<b>UniProt ID:</b>	<a href="#">Q5SW19</a>
<b>RefSeq Size:</b>	6121
<b>Cytogenetics:</b>	11
<b>RefSeq ORF:</b>	2568
<b>Synonyms:</b>	1300001I01Rik; Kiaa0664; mKIAA0664
<b>Summary:</b>	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]