

## Product datasheet for **TP505953**

### Ckb (NM\_021273) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse creatine kinase, brain (Ckb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205953 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MPFSNSHNTQKLRFP AEDEF PDLSSHNNHMAKVLTPELYAELRAKCTPSGFTLDDAIQTGVDNPGHPYIM TVGAVAGDEESYDVFKDLFDPIIEERHGGYQPSDEHKTDLNPDLQGGDDLDPNYVLSRVRTGRSIRGF CLPPHCSRGERRAIEKLAVEALSSLDGDLSGRYALKSMTEAEQQQLIDDHFLFDKPVSPLLLASGMARD WPDARGIWHNDNKTFVLWINEEDHLRVISMQKGGNMKEVTRFCTGLTQIETLFKSKNYEFMWNPHLGYI LTCPSNLGTGLRAGVHIKLPHLGKHEKFSEVLKRLRLQKRGTTGGVDTAAVGGVFDVSNADRLGFSEVELV QMVDVGVKLLIEMEQRLEQQQAIDDLMPAQK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	42.7 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:	<a href="#">NP_067248</a>
Locus ID:	12709
UniProt ID:	<a href="#">Q04447</a>



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<b>RefSeq Size:</b>	1478
<b>Cytogenetics:</b>	12 61.09 cM
<b>RefSeq ORF:</b>	1146
<b>Synonyms:</b>	B-CK; Bck; Ck-3; Ck3; Ckbb; CPK-B
<b>Summary:</b>	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.[UniProtKB/Swiss-Prot Function]