

Product datasheet for TP522365

Ckm (NM_007710) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse creatine kinase, muscle (Ckm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222365 representing NM_007710 Red=Cloning site Green=Tags(s)

MPFGNTHNKFKLNYKPQEEYPDLKHNHMAKVLTPDLYNKLKRDKETPSGFTLDDVIQTGVDNPGHPFIM
TVGCVAGDEESYTVFKDLFDPIIQDRHGGYKPTDKHKTDLNHENLKGDDLDPNYVLSRVRTGRSIKGY
TLPPHCSRGERRAVEKLSVEALNSLTGEFKGKYPLKSMTEQEQQQLIDDHFLDKPVSPLLLASGMARD
WPDARGIWHNDNKSFLVWVNEEDHLRVISMEKGGNMKEVFRFCVGLQKIEEIFKKAGHPFMWNEHLGYV
LTCPSNLGTGLRGGVHVLANLSKHPKFEIILTRLRLQKRGTGGVDTAAVGAVFDISNADRLGSSEVEQV
QLVVDGVKLMVEMEKKLEKQSIDDMIPAQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.5 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_031736
Locus ID:	12715
UniProt ID:	P07310 , A2RTA0



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RefSeq Size:	1415
Cytogenetics:	7 9.67 cM
RefSeq ORF:	1143
Synonyms:	Ckmm; CPK-M; M-CK; MCK
Summary:	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]