

Product Data Sheet

Recombinant Human CKM Protein

Catalog #	Source	Reactivity	Applications
CRP1304	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human CKM Protein is produced by mammalian expression system and the target gene encoding Met1-Lys381 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.		
Gene Symbol	CKM		
Alternative Names	CKMM; Creatine kinase M-type; Creatine kinase M chain; M-CK		
Entrez Gene	1158 (Human)		
SwissProt	P06732 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MPFGNTHNKF KLNYPKEEEY PDLSKHNNHM AKVLTLELYK KLRDKETPSG FTVDDVIQTG VDNPGHPFIM TVGCVAGDEE SYEVFKELFD PIISDRHGGY KPTDKHKTDL NHENLKGGDD LDPNYVLSSR VRTGRSIKGY TLPPHCSRGE RRAVEKLSVE ALNSLTGEFK GKYYPLKSMT EKEQQQLIDD HFLFDKPVSP LLLASGMARD WPDARGIWHN DNKSLLVWVN EEDHLRVISM EKGGMKEVF RRFCVGLQKI EEIFKKAGHP FMWNQHLGYV LTCPSNLGTG LRGGVHVCLA HLSKHPKFEE ILTRLRLQKR GTGGVDAAV GSVFDVSNAD RLGSEVEQV QLVVDGVKLM VEMEKKLEKG QSIDDMIPAQ KVDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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