Creatine Kinase, Muscle (CKM) Recombinant Protein | CKM recombinant protein

Recombinant Creatine Kinase, Muscle (CKM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134782	**E.coli**	**Canis familiaris; Canine (Dog)**	**Western Blot, SDS-Page**

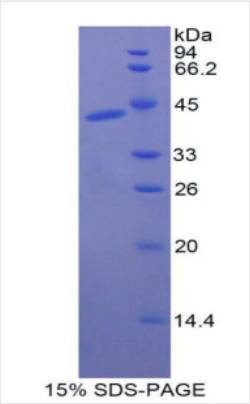
PRODUCT SYNONYMS

Creatine Kinase; Muscle (CKM); Recombinant Creatine Kinase; CKM recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Canis familiaris; Canine (Dog)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	KLNYKPEEEY PDLTKHNNHM AKALTPEIYK KLRDKETPSG FTLDDVIQTG VDNPGHPFIM TVGCVAGDEE SYQVFKDLFD PIIQDRHGGY KPTDKHKTDL NHENLKGGDD LDPNYVLSSR VRTGRSIKGY TLPPHCSRGE RRAVEKLSIE ALNSLTGEFK GKYYPLKSMT EQEQQQLIDD HFLFDKPVSP LLLASGMARD WPDARGIWHN DNKTFLVWVN EEDHLRVISM QKGGNMKEVF RRFCVGLQKI EEIFKKAGHP FMWNEHLGYV LTCPSNLGTG LRGGVHVKLA HLSKHPKFEE ILTRLRLQKR GTGGVDTAAV GSVFDISNAD RLGSSEVEQV QLVVDGVKLM VEMEKKL
Applicable Applications for CKM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys11~Leu367
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	545488156
NCBI GeneID	476435
NCBI Accession #	XP_005616506.1
NCBI GenBank Nucleotide #	XM_005616449.1
UniProt Accession #	P05123
Molecular Weight	Predicted Molecular Mass: 41.7kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	creatine kinase M-type
NCBI Official Symbol	CKM
NCBI Official Synonym Symbols	M-CK
NCBI Protein Information	creatine kinase M-type; creatine kinase, muscle; Creatine kinase M-type; Creatine kinase M chain
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	**CKM**
UniProt Entry Name	KCRM_CANFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/ckm-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134782