Recombinant Dog CKM protein, His-tagged

Cat. No. CKM-754D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog CKM aa. (Lys11~Leu367 (Accession # P05123)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Lys11~Leu367
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.0kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.

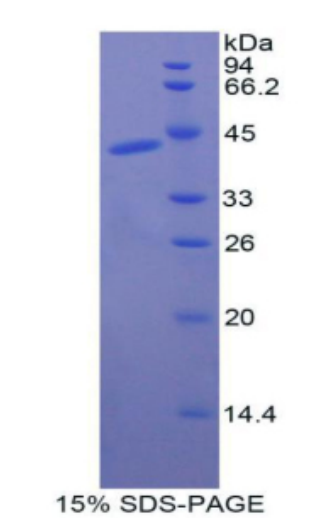
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CKM creatine kinase, M-type [Canis lupus familiaris (dog)]
Official Symbol	CKM
Synonyms	M-CK; creatine kinase M-type; Creatine kinase M chain
Gene ID	476435
mRNA Refseq	NM_001313776.1
Protein Refseq	NP_001300705.1
UniProt ID	P05123

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SDS-PAGE	 15% SDS-PAGE

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