

[Go to Product page](#)

Datasheet for ABIN7318341 CKM Protein (His tag)

Overview

Quantity:	50 µg
Target:	CKM
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CKM protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Creatine Kinase, Muscle/CKM Protein (His Tag)
Sequence:	Met 1-Lys381
Characteristics:	Recombinant Human Creatine Kinase, Muscle is produced by our Mammalian expression system and the target gene encoding Met1-Lys381 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CKM
Alternative Name:	Creatine Kinase, Muscle/CKM (CKM Products)
Background:	Background: Creatine kinase M-type is also known as Creatine kinase M chain, M-CK. It is a protein that in humans is encoded by the CKM gene. It belongs to the ATP:guanido

Target Details

phosphotransferase family,containing 1 phosphagen kinase C-terminal domain and 1 phosphagen kinase N-terminal domain. Creatine kinase M-type can reversibly catalyzes the transfer of phosphate between ATP and various phosphogens. It plays a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

Synonym: Creatine kinase M-type,Creatine kinase M chain,M-CK,CKM,CKMM

Molecular Weight: 44.1 kDa

UniProt: [P06732](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl,150 mM NaCl,10 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.