

Product datasheet

Recombinant Human Creatine Kinase MM protein
ab124319

1 Image

Description

Product name	Recombinant Human Creatine Kinase MM protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	P06732
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	43 kDa including tags
Amino acids	1 to 381
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124319** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituent: 0.48% HEPES
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General Info

Function	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
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tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

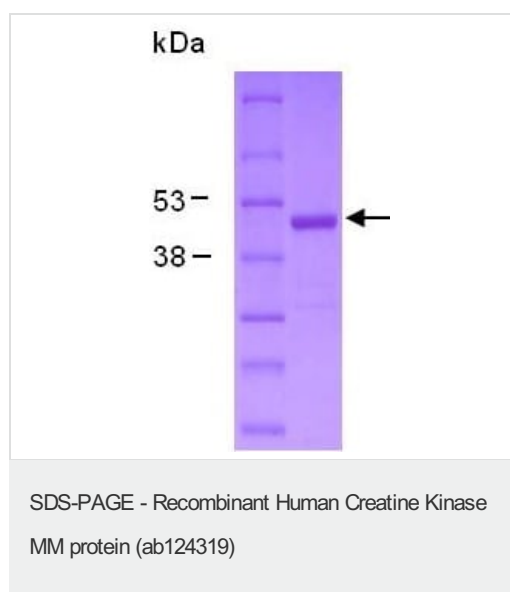
Sequence similarities

Belongs to the ATP:guanido phosphotransferase family.
Contains 1 phosphagen kinase C-terminal domain.
Contains 1 phosphagen kinase N-terminal domain.

Cellular localization

Cytoplasm.

Images



SDS-PAGE using 1 μ g of ab124319.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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