

Product datasheet

Recombinant Human Creatine kinase B type protein ab124308

1 Image

Overview

Product name	Recombinant Human Creatine kinase B type protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P12277
Species	Human
Molecular weight	42 kDa
Amino acids	1 to 381

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124308** 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
Purity	> 95 % SDS-PAGE.
Form	Lyophilised

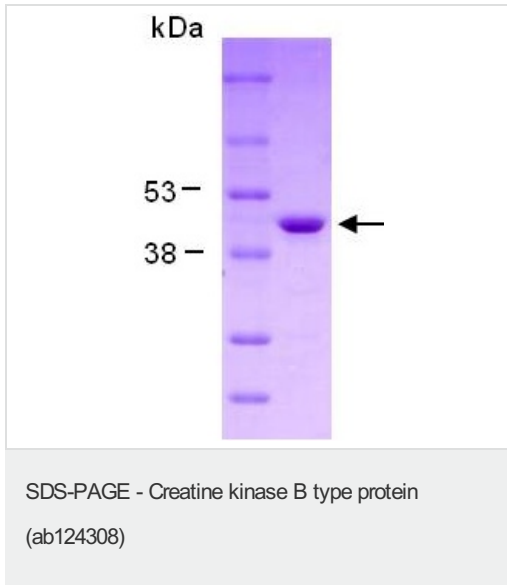
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.00 Constituent: 0.48% HEPES
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General Info

Function	Reversibly catalyzes the transfer of phosphate between ATP and various phosphagens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in 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 1µg of ab124308.

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