

Product datasheet

# Recombinant Human Creatine kinase B type protein ab124308

1 Image

Overview

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<b>Product name</b>	Recombinant Human Creatine kinase B type protein
<b>Protein length</b>	Full length protein

Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

Amino Acid Sequence

<b>Accession</b>	<a href="#">P12277</a>
<b>Species</b>	Human
<b>Molecular weight</b>	42 kDa
<b>Amino acids</b>	1 to 381

Specifications

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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.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Form</b>	Lyophilised

Preparation and Storage

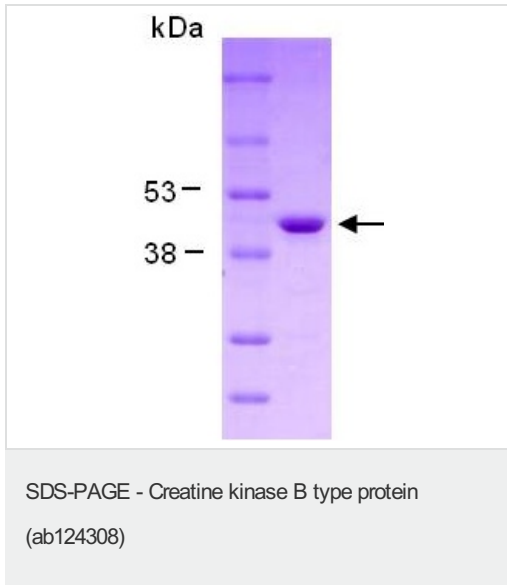
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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.00 Constituent: 0.48% HEPES
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General Info

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the ATP:guanido phosphotransferase family. Contains 1 phosphagen kinase C-terminal domain. Contains 1 phosphagen kinase N-terminal domain.
<b>Cellular localization</b>	Cytoplasm.

Images



SDS-PAGE using 1µg of ab124308.

SDS-PAGE - Creatine kinase B type protein (ab124308)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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