

Product datasheet

Recombinant Human Creatine kinase B type protein ab158123

[1 Image](#)

Overview

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

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	LTCPSNLGTGLRAGVHIKLPNLGKHEKFSEVLKRLRLQ KRGTGGVDAAV GGVFDVSNADRLGFSEVELVQMVVDGVKLLIEMEQRLE EQQAIDDLMPAQ K
Amino acids	281 to 381
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158123** in the following tested applications.

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

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

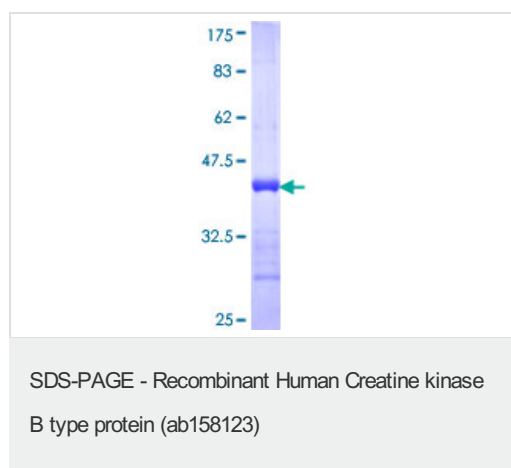
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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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



ab158123 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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