

Product datasheet

Recombinant human Creatine kinase B type protein ab73647

Overview

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| Product name | Recombinant human Creatine kinase B type protein |
| Protein length | Full length protein |

Description

| | |
|---------------|-----------------|
| Nature | Recombinant |
| Source | Pichia pastoris |

Amino Acid Sequence

| | |
|----------------|-------|
| Species | Human |
|----------------|-------|

Specifications

Our [Abpromise guarantee](#) covers the use of **ab73647** in the following tested applications.

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

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| Applications | SDS-PAGE Functional Studies |
| Purity | > 95 % SDS-PAGE. ab73647 is purified by proprietary chromatographic techniques. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE. |
| Form | Liquid |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Preservative: None Constituents: 50% Glycerol, 10mM Bis-Tris HCl, 0.5mM EDTA, 0.5mM DTT, pH 6.2 This product is an active protein and may elicit a biological response in vivo, handle with caution. |
|------------------------------|---|

General Info

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|------------------------------|---|
| 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 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. |

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

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