

## Product datasheet

# Recombinant Human PKIB protein **ab125642**

### Overview

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|-----------------------|--------------------------------|
| <b>Product name</b>   | Recombinant Human PKIB 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="#">Q9C010</a>   |
| <b>Species</b>          | Human  |
| <b>Sequence</b>         | MGSSHHHHHH SSGLVPRGSH MRTDSSKMTD<br>VESGVANFAS SARAGRRNAL PDIQSSAATD<br>GTSDLPLKLE ALSVKEDAKE KDEKTTQDQL<br>EKPQNEEK |
| <b>Molecular weight</b> | 11 kDa including tags  |
| <b>Amino acids</b>      | 1 to 78  |
| <b>Tags</b>             | His tag N-Terminus   |

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab125642** 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.<br>Purified by proprietary chromatographic techniques. |
| <b>Form</b>         | Liquid  |

### Preparation and Storage

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|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
|------------------------------|--|

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol, 0.58% Sodium chloride

## General Info

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|                              |   |
|------------------------------|---|
| <b>Function</b>              | Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains. |
| <b>Sequence similarities</b> | Belongs to the PKI family.  |

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

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