

Product datasheet

Recombinant Human PKIB protein **ab125642**

Overview

Product name	Recombinant Human PKIB protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	Q9C010
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MRTDSSKMTD VESGVANFAS SARAGRRNAL PDIQSSAATD GTSDLPLKLE ALSVKEDAKE KDEKTTQDQL EKPQNEEK
Molecular weight	11 kDa including tags
Amino acids	1 to 78
Tags	His tag N-Terminus

Specifications

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.

Applications	SDS-PAGE
Purity	> 95 % SDS-PAGE. Purified by proprietary chromatographic techniques.
Form	Liquid

Preparation and Storage

Stability and Storage	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.
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pH: 8.00

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

General Info

Function	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.
Sequence similarities	Belongs to the PKI family.

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