

## Product datasheet

# Recombinant Human 14-3-3 alpha + beta protein ab85273

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human 14-3-3 alpha + beta protein
<b>Purity</b>	> 90 % SDS-PAGE. Purity was determined to be >90% by densitometry.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

### Specifications

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Our **Abpromise guarantee** covers the use of **ab85273** 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 Western blot
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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### General Info

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<b>Function</b>	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the
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activity of the binding partner. Negative regulator of osteogenesis.

#### Sequence similarities

Belongs to the 14-3-3 family.

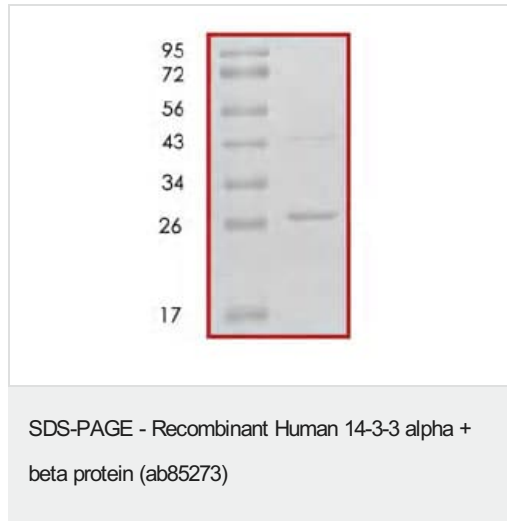
#### Post-translational modifications

The alpha, brain-specific form differs from the beta form in being phosphorylated. Isoform Short contains a N-acetylmethionine at position 1.

#### Cellular localization

Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## Images



SDS-PAGE showing ab85273 at approximately 29kDa.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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