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

### Description

<table>
<thead>
<tr>
<th>Product name</th>
<th>Recombinant Human 14-3-3 alpha + beta protein</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt; 90% SDS-PAGE. Purity was determined to be &gt;90% by densitometry.</td>
</tr>
<tr>
<td>Expression system</td>
<td>Escherichia coli</td>
</tr>
<tr>
<td>Protein length</td>
<td>Full length protein</td>
</tr>
<tr>
<td>Animal free</td>
<td>No</td>
</tr>
<tr>
<td>Nature</td>
<td>Recombinant</td>
</tr>
<tr>
<td>Species</td>
<td>Human</td>
</tr>
</tbody>
</table>

### Specifications

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.

#### Applications

- SDS-PAGE
- Western blot

#### Form

- Liquid

### Preparation and Storage

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, 0.29% Sodium chloride

### General Info

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
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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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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