

Product datasheet

Recombinant Mouse 14-3-3 alpha + beta protein (His tag) ab268289

1 Image

Description

Product name	Recombinant Mouse 14-3-3 alpha + beta protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Baculovirus infected Sf9 cells
Accession	Q9CQV8
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Molecular weight information	Approx 29 kDa by SDS-PAGE
Tags	His tag N-Terminus
Additional sequence information	GenBank: NM_018753

Specifications

Our [Abpromise guarantee](#) covers the use of **ab268289** 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
Form	Liquid

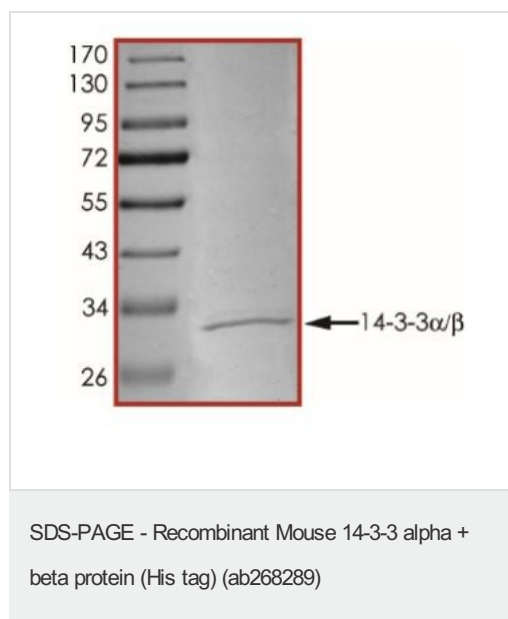
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.82% Sodium phosphate, 1.74% Sodium chloride, 0.002% PMSF, 0.004% DTT, 25% Glycerol (glycerin, glycerine)
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General Info

Function	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 analysis of ab268289.

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