

Product datasheet

Recombinant Human 14-3-3 zeta protein ab85268

[1 References](#) [2 Images](#)

Description

Product name	Recombinant Human 14-3-3 zeta protein
Purity	> 95 % SDS-PAGE. Purity was determined to be >95% by densitometry.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab85268** 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

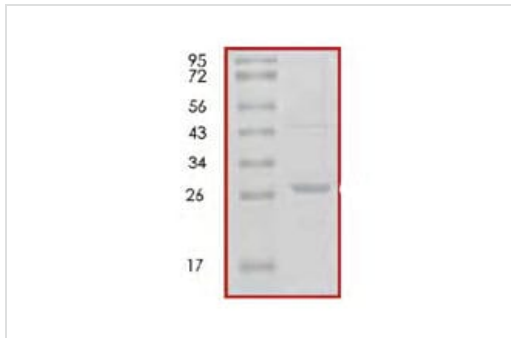
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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General Info

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.
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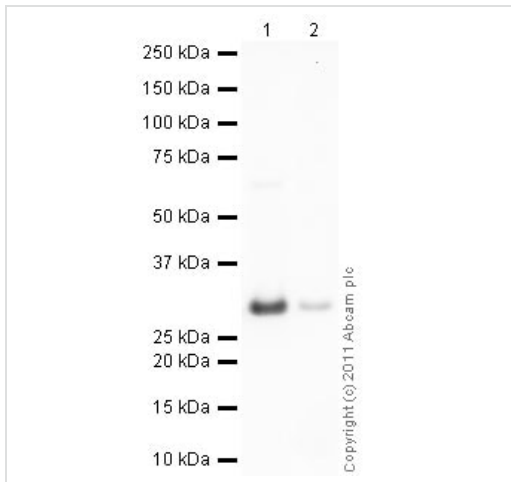
Sequence similarities	Belongs to the 14-3-3 family.
Post-translational modifications	The delta, brain-specific form differs from the zeta form in being phosphorylated (By similarity). Phosphorylation on Ser-184 by MAPK8; promotes dissociation of BAX and translocation of BAX to mitochondria. Phosphorylation on Ser-58 by PKA; disrupts homodimerization and heterodimerization with YHAE and TP53. This phosphorylation appears to be activated by sphingosine. Phosphorylation on Thr-232; inhibits binding of RAF1.
Cellular localization	Cytoplasm. Melanosome. Located to stage I to stage IV melanosomes.

Images



SDS-PAGE showing ab85268 at approximately 29kDa.

SDS-PAGE - Recombinant Human 14-3-3 zeta protein (ab85268)



Western blot - Recombinant Human 14-3-3 zeta protein (ab85268)

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

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