

Product datasheet

Recombinant Human 14-3-3 eta/YWHAH protein ab116442

1 Image

Description

Product name	Recombinant Human 14-3-3 eta/YWHAH protein	
Purity	> 80 % Purified via His tag. ab116442 was purified by Ni ²⁺ -NTA agarose	
Expression system	Escherichia coli	
Accession	<u>Q04917</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRGSMGD REQLLQRARLAEQ AERYDDMASAMKAVTELNEPLSNEDRNLLSVAYKNVGA RRSSWRVISSI EQKTMADGNEKKLEKVKAYREKIEKELETVCNDVLSLLDK FLIKNCNDFQ YESKVFYLMKMGDYRYLAEVASGEKKNSVVEASEAAYK EAFEISKEQMQ PTHPIRLGLALNFSVVFYEQNAPEQA CLLAKQAFDDAIAEL DTLNEDSYKDSTLIMQLLRDNLTLWTSDQQDEEAGEGN	
Predicted molecular weight	32 kDa including tags	
Amino acids	1 to 246	
Tags	His tag N-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab116442** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF-TOF

Form	Liquid
Additional notes	ab116442 was alkylated, digested with trypsin and the mass of the resultant peptides determined by MADLI-TOF/TOF. The peptides obtained gave 67% sequence coverage of 14-3-3 eta/YWHAH. Theoretical pI: 5.3 This product was previously labelled as 14-3-3 eta

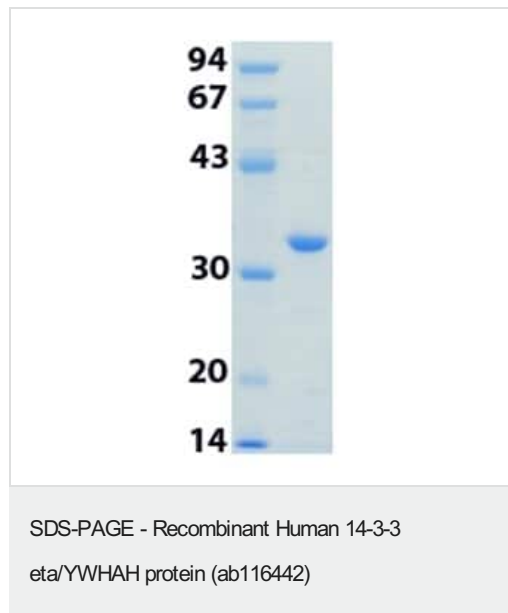
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.012% Benzamidine, 0.003% PMSF, 0.02% DTT, 0.6% HEPES, 50% Glycerol
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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.
Tissue specificity	Expressed mainly in the brain and present in other tissues albeit at lower levels.
Sequence similarities	Belongs to the 14-3-3 family.

Images



12 % SDS-PAGE gel showing ab116442.

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

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