

Recombinant Human EB2 protein ab113592

1 Image

Description

Product name	Recombinant Human EB2 protein
Purity	> 90 % SDS-PAGE. ab113592 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>Q15555</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MPGPTQTLSPNGENNNDII QDNNGTIIPFR KHTVRGERSYSWGMVNVYSTSITQETMSRHDIAWVNDIV SLNYTKVEQ LCSGAAYCQFMDMLFPGCISLKKVKFQAKLEHEYIHNFKL LQASFKRMNV DKVIPVEKLVKGRFQDNLDFIQWFKKFYDANYDGKEYDPV EARQGQDAIP PPDPGEQIFNLPPKKSHHANSPTAGAAKSSPAAKPGSTPS RPSSAKRASSS GSASKSDKDLETQVIQLNEQVHSLKLALEGVEKERDFYFG KLREIELLCQ EHGQENDDLVQRLMDILYASEEHEGHTEEPEAEQAEHQ QPPQQEEY
Predicted molecular weight	39 kDa including tags
Amino acids	1 to 327
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113592** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Mass Spectrometry

	SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

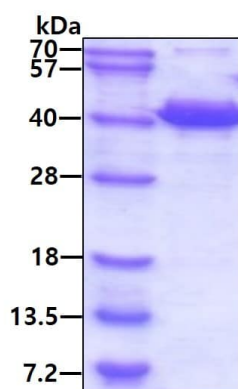
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration.
Tissue specificity	Expressed in different tumor cell lines. Up-regulated in activated B- and T-lymphocytes.
Sequence similarities	Belongs to the MAPRE family. Contains 1 CH (calponin-homology) domain. Contains 1 EB1 C-terminal domain.
Domain	Composed of two functionally independent domains. The N-terminal domain forms an hydrophobic cleft involved in microtubule binding and the C-terminal is involved in the formation of mutually exclusive complexes with APC and DCTN1.
Cellular localization	Cytoplasm > cytoskeleton. Associated with the microtubule network. Accumulates at the plus end of microtubules.

Images



3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

SDS-PAGE - Recombinant Human EB2 protein
(ab113592)

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

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