

Product datasheet

Recombinant Human EI2BL protein ab164532

1 Image

Overview

Product name	Recombinant Human EI2BL protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MTLEAIRYSRGS LQILDQ LLLPKQSR YEAVG SVHQAW E AIRAMKVRGAPA IALVGCLSLA VELQAGAG GPGLAAL VAFVRDKLSFLVT ARPTAVNMARAA RDLADVAAREAEREGATEE AVRERVICCTEDMLEKDL RDNRSIGDLGARH LLERVAPSGGKVTVLTHCNTGALATAGYGTALGVIRSL HSLGRLEHAFCT ETRPYNQGARLTAFELVYEQIPATLITDSMVAAMAHR GVS AVVVGADRV VANGDTANKVGTYQLAMAKHHGIPFYVAAPSSSCDLR LETGKEIIIIEER PGQELTDVNGVRIAAPGIGVWNP AFDVTPHDLITGGIIT ELGVFAPEELR TALTTISSRDGTL DGPQM</p>
Amino acids	1 to 369
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab164532** in the following tested applications.

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

Applications	Western blot
	ELISA
Form	Liquid

Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P). Independently from catalytic activity, promotes cell invasion in response to constitutive RhoA activation by promoting FAK tyrosine phosphorylation and stress fiber turnover.

Pathway

Amino-acid biosynthesis; L-methionine biosynthesis via salvage pathway; L-methionine from S-methyl-5-thio-alpha-D-ribose 1-phosphate: step 1/6.

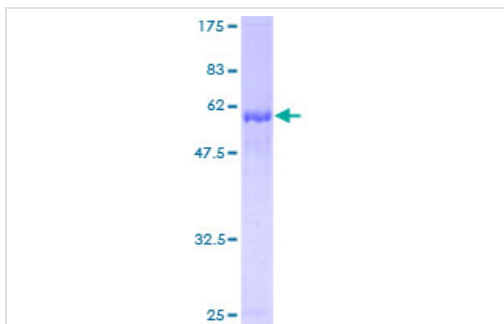
Sequence similarities

Belongs to the eIF-2B alpha/beta/delta subunits family. MtnA subfamily.

Cellular localization

Nucleus. Cytoplasm. Cell projection. Primarily nuclear, but cytoplasmic in cancer cells, with enrichment at leading edge of the plasma membrane in late stage tumor cells.

Images



SDS-PAGE - Recombinant Human E12BL protein
(ab164532)

ab164532 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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