

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	MTLEAIRYSRGS LQILDQ LLLPKQSR YEAVGSVHQAW EAIRAMKVRGAPA IALVGCLSLA VELQAGAG GPGLAALVAFVRDKLSFLVTARPTAVN MARAA RDLADVAARE AEREGATEE AVRERVICCTEDMLEKDLRDNRSIGDLGARH LLERVAPSGGKVTVLTHCNTGALATAGYGTALGVIRSLHSLGRLEHAFCT ETRPYNQGARLTAFELVYEQIPATLITDSMVAAMAHRGVSAVVVGADRV VANGDTANKVGTYQLAIVAKHHGIPFYAAPSSSCDLRLETGKEIII EER PGQELTDVNGVRIAAPGIGVWNPAFDVTPHDLITGGIITELGVFAPEELR TALTTISSRDGTLDGPQM
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.

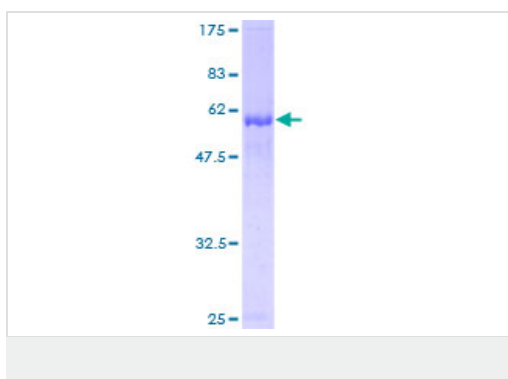
Sequence similarities

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



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

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