

Datasheet for ABIN7558546
EIF4B Protein (AA 1-611) (His tag)



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Overview

Quantity:	1 mg
Target:	EIF4B
Protein Characteristics:	AA 1-611
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Eif4b Protein expressed in mammalian cells.
Sequence:	MAASAKKKNK KGKTISLTDF LAEDGGTGGG STYVPKPVSW ADETDDLEGD VSTTWHSNDD DVYRAPPIDR SILPTAPRAA REPNIDRSRL PKSPPYTAFL GNLPYDVTE DSIKDFFRGLN ISAVRLPREP SNPDRKLGFG YAEFEDLDSL LSALSNEES LGNRRIRVDV ADQAQDKDRD DRSFGDRNR DSDKTDTDWR ARPTTDSFDD YPPRRGDDSF GDKYRDRYDS DRYRDGYRDG YRDGPRRDMD RYGGDRYDD RGSRDYDRGY DSRIGSGRRA FGSGYRRDDD YRGGGDYED RYDRRDDRSDW SSRDDYSRDD YRRDDRGPQ RPRLNLKPRS APKEDDASAS TSQSSRAASI FGGAKPVDTA AREREVEERL QKEQEKLQRQ LDEPKLDRRP RERHPSWRSE ETQERERSRT GSESSQTGAS ATSGRNTRRR ESEKLENET LNKEEDCHSP TSKPPKPDQP LKVMPAPPPK ENAWVKRSSN PPARSQSSDT EQPSPTSGGG KVAAVQPPEE GPSRKDGNKV DVVGATQGGQA GSCSRGPGDG GSRDHWKDL D RKGKQDQDS RSAPEPKKPE ENPASKFSSA SKYAALSVDG EDEDEGDDCT E Sequence without tag. The proposed Purification-Tag is based on

Product Details

experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

EIF4B

Alternative Name:

Eif4b ([EIF4B Products](#))

Background:

Eukaryotic translation initiation factor 4B (eIF-4B),FUNCTION: Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F (By similarity). {ECO:0000250}.

Molecular Weight:

68.8 kDa

UniProt:

[Q8BGD9](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months