

Datasheet for ABIN7548383
EIF4E1B Protein (AA 1-242) (His tag)



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Overview

Quantity:	1 mg
Target:	EIF4E1B
Protein Characteristics:	AA 1-242
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4E1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EIF4E1B Protein expressed in mammalian cells.
Sequence:	<p>MLAVEVSEAE GGIREWEEEE KEEAAAERTP TGEKSPNSPR TLLSLRGKAR TGGPMEVKLE LHPLQNRWAL WFFKNDRSRA WQDNLHLVTK VDTVDFWAL YSHIQLASKL SSGCDYALFK DGIQPMWEDS RNKRGGRWLV SLAKQQRHIE LDRLWLETLL CLIGSFEEH SREVCGAVVN IRTKGDKIAV WTREAENQAG VLHVGRVYKE RLGLSPKTII GYQAHADTAT KSNLAKNKF VV</p> <p>Sequence without tag. The proposed Purification-Tag is based on 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	EIF4E1B
Alternative Name:	EIF4E1B (EIF4E1B Products)
Background:	Eukaryotic translation initiation factor 4E type 1B,FUNCTION: Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structure. {ECO:0000250}.
Molecular Weight:	27.6 kDa
UniProt:	A6NMX2

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a 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