

Datasheet for ABIN7547223

EEF1A2 Protein (AA 1-463) (His tag)



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Overview

Quantity:	1 mg
Target:	EEF1A2
Protein Characteristics:	AA 1-463
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF1A2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EEF1A2 Protein expressed in mammalian cells.
Sequence:	<p>MGKEKTHINI VVIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAEMG KGSFKYAWVL</p> <p>DKLKAERERG ITIDISLWKF ETTKYYITII DAPGHRDFIK NMITGTSQAD CAVLIVAAGV</p> <p>GEFEAGISK N GQTREHALLA YTLGVKQLIV GVNKMDSTEP AYSEKRYDEI VKEVSAYIKK</p> <p>IGYNPATVPF VPISGWHGDN MLEPSPNMPW FKGWKVERKE GNASGVSLLE ALDTILPPTR</p> <p>PTDKPLRLPL QDVYKIGGIG TVPVGRVETG ILRPGMVVTF APVNITTEVK SVEMHHEALS</p> <p>EALPGDNLVGF NVKNVSVKDI RRGNVCGDSK SDPPQEAAQF TSQVILNHP GQISAGYSPV</p> <p>IDCHTAHIAC KFAELKEKID RRSKGKLEDN PKSLKSGDAA IVMVPGKPM CVESFSQYPP</p> <p>LGRFAVRDMR QTVAVGVIKN VEKSGGAGK VTKSAQKAQK AGK 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>

Product Details

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:

EEF1A2

Alternative Name:

EEF1A2 ([EEF1A2 Products](#))

Background:

Elongation factor 1-alpha 2 (EF-1-alpha-2) (Eukaryotic elongation factor 1 A-2) (eEF1A-2) (Statin-S1),FUNCTION: This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.

Molecular Weight:

50.5 kDa

UniProt:

[Q05639](#)

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 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