

Datasheet for ABIN7547224  
**EEF1A1P5 Protein (AA 1-462) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	EEF1A1P5
Protein Characteristics:	AA 1-462
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF1A1P5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant EEF1A1P5 Protein expressed in mammalian cells.
Sequence:	MGKEKTHINI VVIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAEMG KGSFKYAWVL DKLKAERERG ITIDISLWKF ETSKYVYVTVII DAPGHRDFIK NMITGTSQAD CAVLIVAAGV GEFEAGISKN GQTRHALLA YTLGVKQLIV GVNKMDSTEP PYSQKRYEEI VKEVSTYIKK IGYNPDTVAF VPISGWNGDN MLEPSANMPW FKGWKVTRKD GNASGTLLLE ALDCILPPTR PTDKPLRLPL QDVYKIGGIG TVPVGRVETG VLKPGMVVTF APVNVTTTEVK SVEMHHEALS EALPGDNVGF KVKNVSVKDV RRGNVAGDSK NDPPMEAAGF TAQVIILNHP GQISAGYAPV LDCHMAHIAC KFAELKEKID RRSKGLKLEDEG PKFLKSGDAA IVDMVPKGPM CVESFSDYPP LGRFAVRDMR QTVAVGVIIK VDKKAAGAGK VTKSAQKAQK AK <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

EEF1A1P5

### Alternative Name:

EEF1A1P5 ([EEF1A1P5 Products](#))

### Background:

Putative elongation factor 1-alpha-like 3 (EF-1-alpha-like 3) (Eukaryotic elongation factor 1 A-like 3) (eEF1A-like 3) (Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5),FUNCTION: This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. {ECO:0000250}.

### Molecular Weight:

50.2 kDa

### UniProt:

[Q5VTE0](#)

## Application Details

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### 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

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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