

Datasheet for ABIN7563971
EIF4G2 Protein (AA 1-906) (His tag)



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Overview

Quantity:	1 mg
Target:	EIF4G2
Protein Characteristics:	AA 1-906
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4G2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Eif4g2 Protein expressed in mammalian cells.
Sequence:	MESAI AEGGA SRFSASSGGG GSRGAPQHYP KTAGNSEFLG KTPGQNAQKW IPARSTRRDD NSAANSANE KERHDAIFRK VRGILNKLTP EKFDKLCLEL LNVGVESKLI LKGVILLIVD KALEEPKYSS LYAQLCLRLA EDAPNFDGPA AEGQPGQKQS TTFRRLLISK LQDEFENRTR NVDVYDKREN PLLPEEEEQR AIAKIKMLGN IKFIGELGKL DLIHESILHK CIKTLLLEKKK RVQLKDMGED LECLCQIMRT VGPRLDHERA KSLMDQYFAR MCSLMLSSEL PARIRFLLQD TVELREHHWV PRKAFLDNGP KTINQIRQDA VKDLGVFIPA PMAQGRSDFF LEGPFMPPRM KMDRDPLGGL ADMFGQMPGS GIGTGPGVIQ DRFSPTMGRH RSNQLFNGHG GHIMPPTQSQ FGEMGGKFMK SQGLSQLYHN QSQGLLSQLQ GQSKDMPPRF SKKGQLNADE ISLRPAQSFL MNKNQVPKLQ PQITMIPPSA QPPRTQTPPL GQTPQLGLKT NPPLIQEKPA KTSKKPPPSK EELLKLTEAV VTDYLN SGNA NDAVSGVREM RAPKHFLPEM LSKVIILSLD RSDDEDKEKAS SLISLLKQEG IATSDNFMQA FLNVLEQCPK LEVDIPLVKS YLAQFAARAI ISELVSISEL AQPLESNGTHF PLFLLCLQQL AKLQDREWLT ELFQQSKVNM QKMLPEIDQN KDRMLEILEG

Product Details

KGLSFLFPLL KLEKELLKQI KLDPSPQTIY KWIKDNISPK LHVDKGFVNI LMTSFLQYIS
SEVSPPSDET DSSSAPSKEQ LEQEKQLLLS FKPVMQKFLH DHVDLQVSAL YALQVHCYNS
SFPKGMLLRF FVHFYDMEII EEEAFLAWKE DITQEFPKGK KALFQVNQWL TWLETAEEEE SEEEAD

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.

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: 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

Target: EIF4G2

Alternative Name: Eif4g2 ([EIF4G2 Products](#))

Background: Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (Novel APOBEC-1 target 1) (Translation repressor NAT1) (p97),FUNCTION: Appears to play a role in the switch from cap-dependent to IRES-mediated translation during mitosis, apoptosis and viral infection. Cleaved by some caspases and viral proteases. {ECO:0000250|UniProtKB:P78344, ECO:0000269|PubMed:9030685}.

Target Details

Molecular Weight: 102.1 kDa

UniProt: [Q62448](#)

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