

Datasheet for ABIN7554156
EIF4G3 Protein (AA 1-1585) (His tag)



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Overview

Quantity:	1 mg
Target:	EIF4G3
Protein Characteristics:	AA 1-1585
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4G3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EIF4G3 Protein expressed in mammalien cells.
Sequence:	<p>MNSQPQTRSP FFQRPQIQPP RATIPNSSPS IRPGAQTPTA VYQANQHIMM VNHLPMYPYV PQGPQYCIPQ YRHSGPPYVG PPQQYPVQPP GPGPFYPGPG PGDFPNAYGT PFYPSQPVYQ SAPIIVPTQQ QPPPAKREKK TIRIRDPNQG GKDITEEIMS GGSRNPTTP IGRPTSTPTP PQQLPSQVPE HSPVYGTVE SAHLAASPV TAASDQKQEE KPKPDPVLKS PSPVLRLLVLS GEKKEQEGQT SETTAIVSIA ELPLPPSPTT VSSVARSTIA APTSSALSSQ PIFTTAIDDR CELSSPREDT IPIPSLTSTCT ETSDDLPTNE NDDICKKPC SVAPNDIPLV SSTNLINEIN GVSEKLSATE SIVEIVKQEV LPLTLELEIL ENPPEEMKLE CIPAPITPST VPSFPPTPPT PPASPPHTPV IVPAAATTVS SPSAAITVQR VLEEDESIRT CLSEDAKEIQ NKIEVEADGQ TEEILDSQNL NSRRSPVPAQ IAITVPKTKWK KPKDRTRTTE EMLEAELELK AEEELSIDKV LESEQDKMSQ GFHPERDPSD LKKVKAVEEN GEEAEPVRNG AESVSEGEI DANSGSTDSS GDGVTFFPKP ESWKPTDTEG KKQYDRELL DFQFMPACIQ KPEGLPPISD VVLDKINQPK</p>

LPMRTLDPRI LPRGPDFTPA FADFGRQTPG GRGVPLLNVG SRRSQPGQRR EPRKIITVSV
KEDVHLKKA E NAWKPSQKRD SQADDPENIK TQELFRKVRS ILNKLTPQMF NQLMKQVSGL
TVDTEERLKG VIDLVFEKAI DEPSFSVAYA NMCRCCLVTLK VPMADKPGNT VNFRKLLLN
CQKEFEKDKA DDDVFEKKQK ELEAASAP EE RTRLHDELEE AKDKARRRSI GNIKFIGELF
KLKMLTEAM HDCVVKLLKN HDEESLECLC RLLTTIGKDL DFEKAKPRMD QYFNQMEKIV
KERKTSSRIR FMLQDVIDLR LCNWVSRRAD QGPKTIEQIH KEAKIEEQEE QRKVQQLMTK
EKRRPGVQRV DEGGWNTVQG AKNSRVLDPS KFLKITKPTI DEKIQLVPA QLGSWGKSS
GGAKASETDA LRSSASSLNR FSALQPPAPS GSTPSTPVEF DSRRTLTSRG SMGREKNDKP
LPSATARPNT FMRGGSSKDL LDNQSQQEQR REMLETVKQL TGGVDVERNS TEAERNKTR
SAKPEISAMS AHDKAALSEE ELERKSKSII DEFLHINDFK EAMQCVEELN AQGLLHV FVR
VGVESTLERS QITRDHMGQL LYQLVQSEKL SKQDFFKGFS ETELEADDM A IDIPHIWLYL
AELVTPMLKE GGISMRELT I EFSKPLLPVG RAGVLLSEIL HLLCKQMSHK KVGALWREAD
LSWKDFLPEG EDVHNFLLEQ KLDFI ESDSP CSSEALSKKE LSAEELYKRL EKLIIEDKAN
DEQIFDWVEA NLDEIQMSSP TFLRALMTAV CKA AIIADSS TFRVDTAVIK QRV PILLKYL
DSDTEKELQA LYALQASIVK LDQPANLLRM FFDCLYDEEV ISEDAFYKWE SSKDP AEQNG
KGVALKSVTA FFTWLREAE E ESEDN **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.**

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:	EIF4G3
Alternative Name:	EIF4G3 (EIF4G3 Products)
Background:	Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII),FUNCTION: Component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome (PubMed:9418880). Functional homolog of EIF4G1 (PubMed:9418880). {ECO:0000269 PubMed:9418880}.
Molecular Weight:	176.7 kDa
UniProt:	O43432

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