

EIF4E recombinant protein

EIF4E, 1-217aa, Human, His tag, E Coli

CATALOG # AAA11775	HOST E Coli	APPLICATIONS SDS-Page
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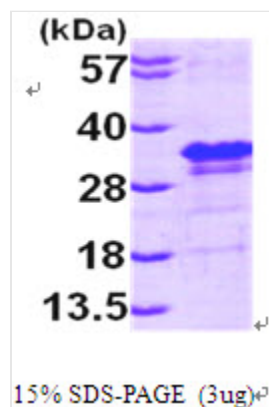
PRODUCT SYNONYMS

EIF4E; 1-217aa; Human; His tag; E Coli; Eukaryotic translation initiation factor 4E; CBP; EIF4E1; EIF4EL1; EIF4F; EIF4E recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MATVEPETTP TPNPPTTEEE KTESNQEVAN PEHYIKHPLQ NRWALWFFKN DKSKTWQANL RLISKFDTVE DFWALYNHIQ LSSNLMPGCD YSLFKDGIEP MWEDEKNKRG GRWLITLNKQ QRRSDLDRFW LETLLCLIGE SFDDYSDDVC GAVVNVRAKG DKIAIWTTEC ENREAVTHIG RVYKERLGLP PKIVIGYQSH ADTATKSGST TKNRFVV
Sequence Length	217
Applicable Applications for EIF4E recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and realized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for EIF4E recombinant protein	EIF4E, a member of eukaryotic initiation factor 4 families, modulates translation of maternal mRNAs in early embryos before the onset of zygotic transcription. This protein recognizes and binds to the 7 methyl GTP cap structure of eukaryotic mRNAs, thereby mediating the initiation of translation. It facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Recombinant human EIF4E protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for EIF4E recombinant protein	Transcription & Translation
References	Bendahmane A., et al. (2010) PLoS One. 5 (6):e11313.; Pelletier J., et al. (2010) J Gen Virol. 91 (Pt 5):1224-8.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503535
NCBI GeneID	1977
NCBI Accession #	NP_001959
NCBI GenBank Nucleotide #	NM_001968.4
UniProt Accession #	P06730; Q96E95; B7Z6V1; D6RCQ6
Molecular Weight	27.2 kDa (237aa), confirmed by MALDI-TOF
NCBI Official Full Name	eukaryotic translation initiation factor 4E isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E
NCBI Official Symbol	EIF4E
NCBI Official Synonym Symbols	CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1
NCBI Protein Information	eukaryotic translation initiation factor 4E
UniProt Protein Name	Eukaryotic translation initiation factor 4E
UniProt Gene Name	EIF4E
UniProt Synonym Gene Names	EIF4EL1; EIF4F; eIF-4E; eIF4E

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/eif4e-recombinant-protein-e-coli-sds-page/11775>