

eIF5A recombinant protein

eIF5A, 1-154aa, Human, E Coli

CATALOG # AAA48503	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

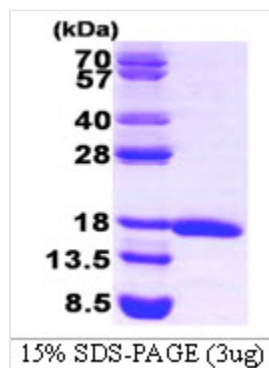
PRODUCT SYNONYMS

eIF5A; 1-154aa; Human; E Coli; Eukaryotic translation initiation factor 5A isoform B; EIF-5A; EIF5A1; eIF5A1; Eukaryotic translation initiation factor 5A isoform B eIF 4D; EIF 5A; eIF 5A 1; eIF 5A1; eIF4D; uORF; uORF A; Eukaryotic initiation factor 5A; Rev binding factor; Eukaryotic initiation factor 5A isoform 1; MGC99547; Eukaryotic translation initiation factor 5A; Eukaryotic translation initiation factor 5A 1; MGC104255.; eIF5A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 50 mM Tris-HCl Buffer pH 7.5 containing 10 % glycerol
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MADDLDFETG DAGASATFPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRND FQ LIGIQDGYLS LLQDSGEVRE DLRLPEGDLG KEIEQKYDCG EEILITVLSA MTEEA A VAIK AMAK
Sequence Length	154
Applicable Applications for eIF5A recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for eIF5A recombinant protein	Eukaryotic translation initiation factor 5A (eIF5A) is the only protein Known to contain unusual amino acid formed by the action of deoxyhypusine synthase and deoxyhypusine hydroxylase using spermidine as the substrate. This protein was previously reported to be involved in the first step of peptide bond formation in translation; however more recent work implicates it as a universally conserved translation elongation factor. Modulation of eIF5A has been linked to proliferation and cancer. Recombinant human eIF5A protein was expressed in E. coli and purified by using conventional chromatography techniques.
Product Categories/Family for eIF5A recombinant protein	Cell Cycle
References	Saini P, et al. (2009). Nature. 459 (7243):118-21; Gosslau A., et al. (2009). J Cell Physiol. 219 (2):485-93;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503545
NCBI GeneID	1984
NCBI Accession #	NP_001961
NCBI GenBank Nucleotide #	NM_001970.4
UniProt Accession #	P63241; P10159; Q16182; Q7L7L3; Q7Z4L1; Q9D0G2; A8K9A0; D3DTP2
Molecular Weight	16.8 kDa (154 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	eukaryotic translation initiation factor 5A-1 isoform B
UniProt Protein Name	Eukaryotic translation initiation factor 5A-1
UniProt Gene Name	EIF5A
UniProt Synonym Gene Names	eIF-5A-1; eIF-5A1; eIF-5A

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.