

Recombinant Human EIF5A

Cat. No. EIF5A-28549TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human eIF5A; amino acids 1-154 , 16.8kDa.
Species	Human
Source	E.coli
ProteinLength	1-154 a.a.
Description	Eukaryotic translation initiation factor 5A-1 is a protein that in humans is encoded by the EIF5A gene.
Tissue specificity	Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Tris HCl, pH 7.5
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MADDLDFETG DAGASATFPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRNDFQ LIGIQDGYLS

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LLQDSGEVRE DLRLPEGDLG KEIEQKYDCG EEILITVLSA MTEEA AVAIK AMAK

**Sequence
Similarities**

Belongs to the eIF-5A family.

Full Length

Full L.

GENE INFORMATION

Gene Name

EIF5A eukaryotic translation initiation factor 5A [Homo sapiens]

Official Symbol

EIF5A

Synonyms

EIF5A; eukaryotic translation initiation factor 5A; eukaryotic translation initiation factor 5A-1; EIF 5A; EIF5A1; MGC99547; MGC104255;

Gene ID

1984

mRNA Refseq

NM_001143760

Protein Refseq

NP_001137232

MIM

600187

Uniprot ID

P63241

**Chromosome
Location**

17p13-p12

Pathway

Hypusine synthesis from eIF5A-lysine, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Post-translational modification: gamma carboxylation and hypusine formation, organism-specific biosystem; Post-translational

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protein modification, organism-specific biosystem; Translation Factors, organism-specific biosystem;

Function

RNA binding; U6 snRNA binding; protein N-terminus binding; protein binding; ribosome binding;

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