

## Recombinant Human EIF5A Protein (M1-K154), Tag Free

Cat. No. EIF5A-0709H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GG-EIF5A(M1-K154 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-K154
<b>Description</b>	<p>mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. Regulates also TNF-alpha-mediated apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation. Also described as a cellular cofactor of human T-cell leukemia virus type I (HTLV-1) Rex protein and of human immunodeficiency virus type 1 (HIV-1) Rev protein, essential for mRNA export of retroviral transcripts.</p>
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%

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<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

<b>Gene Name</b>	EIF5A eukaryotic translation initiation factor 5A [ Homo sapiens (human) ]
<b>Official Symbol</b>	EIF5A
<b>Synonyms</b>	EIF5A; eukaryotic translation initiation factor 5A; eukaryotic translation initiation factor 5A-1; EIF 5A; EIF5A1; MGC99547; MGC104255; eIF-4D; eIF-5A1; eIF-5A-1; rev-binding factor; eukaryotic initiation factor 5A; EIF-5A; eIF5A1;
<b>Gene ID</b>	1984
<b>mRNA Refseq</b>	NM_001143760
<b>Protein Refseq</b>	NP_001137232
<b>MIM</b>	600187
<b>UniProt ID</b>	P63241

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