

Recombinant Human EIF4A1 Protein (M1-I406), Tag Free

Cat. No. EIF4A1-0101H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-EIF4A1(M1-I406 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-I406
Description	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	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.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	EIF4A1 eukaryotic translation initiation factor 4A1 [Homo sapiens (human)]
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Official Symbol	EIF4A1
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Synonyms	EIF4A1; eukaryotic translation initiation factor 4A1; EIF4A, eukaryotic translation initiation factor 4A, isoform 1; eukaryotic initiation factor 4A-I; DDX2A; EIF 4A; eukaryotic initiation factor 4AI; ATP-dependent RNA helicase eIF4A-1; eukaryotic translation initiation factor 4A, isoform 1; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I;
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Gene ID	1973
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mRNA Refseq	NM_001204510
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Protein Refseq	NP_001191439
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MIM	602641
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UniProt ID	P60842
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