

Recombinant Full Length Human EIF4A1 Protein, GST-tagged

Cat. No. EIF4A1-4282HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human EIF4A1 full-length ORF (ABM87287.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 406 amino acids

Description EIF4A1 (Eukaryotic Translation Initiation Factor 4A1) is a Protein Coding gene. Among its related pathways are MAPK Signaling: Mitogen Stimulation Pathway and Validated targets of C-MYC transcriptional activation. GO annotations related to this gene include nucleic acid binding and hydrolase activity. An important paralog of this gene is EIF4A2.

Molecular Mass 71.06 kDa

AA Sequence

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MSASQDSRSRDNGPDGMEPEGVIESNWNEIVDSFDDMNLSELLRGIYAYGF EKPS
AIQQRAILPCIKGYDVIAQAQSGTGKTATFAISILQQIELDLQALVLA PTRELAQQI
QKVVMALGDYMGASCHACIGGTNVRAEVQKLQMEAPHIIVGTPGRVFDMLNRRYLS
PKYIKMFVLDEADEMLSRGFKDQIYDIFQKLNSTQVVLLSATMPSDVLEVT KKFMR
DPIRILVKKEELTLEGIRQFYINVEREEWKLDLTLCDLYETLTITQAVIFINTRRKVDWLT
EKM HARDFTVSAMHGDM DQKERD VIMREFRSGSSRVLITD DLLARGIDVQQVSLVIN
YDLPTNRENYIHRIGRGGRFGRKGVAINMVTEEDKRTL RDIETFYNTSIEEMPLNVAD
LI
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Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EIF4A1 eukaryotic translation initiation factor 4A1 [Homo sapiens]
Official Symbol	EIF4A1
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;
Gene ID	1973
mRNA Refseq	NM_001204510
Protein Refseq	NP_001191439
MIM	602641
UniProt ID	P60842

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