

Recombinant Full Length Human EIF4B Protein

Cat. No. EIF4B-146HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human eIF4B with a N terminal proprietary tag: predicted molecular weight 93.28 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	611 amino acids
Description	eIF4B is required for the binding of mRNA to ribosomes. It functions in close association with eIF4F and eIF4A. It binds near the 5-terminal cap of mRNA in the presence of eIF4F and ATP.
Form	Liquid
Molecular Mass	93.280kDa inclusive of tags
AA Sequence	MAASAKKKNKKGKTISLTDFLAEDGGTGGGSTYVSKPVSW ADETDDLEGDVSTTW HSNDDDVYRAPPIDRSILPTAPRAA REPNIDRSRLPKSPPYTAFLGNLPYDVTEESIK EFFRGLN ISAVRLPREPSNPERLKGFGYAEFEDLDSLLSALSNEES LGNRRIRVDV ADQAQDKDRDDRSFGRDRNRDSDKTDTDWR ARPATDSFDDYPPRRGDDSF GDK YRDRYDSDRYRDGYRDG YRDGPCRDMDRYGGDRYDDRGSRDYDRGYDSRIGS GRR A FGSGYRRDDDYRGGGDRYEDRYDRRDDRSWSSRDDYSRDD YRRDDRGP PQRPKLNKPRSTPKEDDSSASTSQSTRAASI FGGAKPVDTAAREREVEERLQKEQ EKLQRQLDEPKLERRP RERHPSWRSEETQERERSRTGSESSQTGTSTTSSRNAR

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RR ESEKSLENETLNKEEDCHSPTSKPPKPDQPLKVMPPPK ENAWVKRSSNPPA
RSQSSDTEQQSPTSGGGKVAPAQPSEE GPGRKDENKVDGMNAPKGQTGNSSRG
PGDGGNRDHWKESD RKGKKDQDSRSAPEPKKPEENPASKFSSASKYAALSVDG
EDENEGEDYAE

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name EIF4B eukaryotic translation initiation factor 4B [Homo sapiens]

Official Symbol EIF4B

Synonyms EIF4B; eukaryotic translation initiation factor 4B

Gene ID 1975

mRNA Refseq NM_001417

Protein Refseq NP_001408

MIM 603928

UniProt ID P23588

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