Eukaryotic translation initiation factor 5B (EIF5B) Recombinant Protein | EIF5B recombinant protein

Recombinant Human Eukaryotic translation initiation factor 5B (EIF5B) , partial

CATALOG #	HOST
AAA115037	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Eukaryotic translation initiation factor 5B (EIF5B); Recombinant Human Eukaryotic translation initiation factor 5B (EIF5B); partial; EIF5B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	629-846aa; partial
Sequence	LRAPIICVLG HVDTGKTKIL DKLRHTHVQD GEAGGITQQI GATNVPLEAI NEQTKMIKNF DRENVRIPGM LIIDTPGHES FSNLRNRGSS LCDIAILVVD IMHGLEPQTI ESINLLKSKK CPFIVALNKI DRLYDWKKSP DSDVAATLKK QKKNTKDEFE ERAKAIIVEF AQQGLNAALF YENKDPRTFV SLVPTSAHTG DGMGSLIYLL VELTQTML
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EIF5B recombinant protein	Accurate initiation of translation in eukaryotes is complex and requires many factors, some of which are composed of multiple subunits. The process is simpler in prokaryotes which have only three initiation factors (IF1, IF2, IF3). Two of these factors are conserved in eukaryotes: the homolog of IF1 is eIF1A and the homolog of IF2 is eIF5B. This gene encodes eIF5B. Factors eIF1A and eIF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately.

NCBI AND UNIPROT INFORMATION

NCBI GI #	84043963
NCBI GeneID	9669
NCBI Accession #	NP_056988.3
NCBI GenBank Nucleotide #	NM_015904.3
UniProt Accession #	O60841; O95805; Q53RV7; Q53SI8; Q9UF81; Q9UMN7
Molecular Weight	138,827 Da
NCBI Official Full Name	eukaryotic translation initiation factor 5B
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 5B
NCBI Official Symbol	EIF5B

NCBI Official Synonym Symbols	IF2
NCBI Protein Information	eukaryotic translation initiation factor 5B
UniProt Protein Name	Eukaryotic translation initiation factor 5B
UniProt Gene Name	**EIF5B**
UniProt Synonym Gene Names	IF2; KIAA0741; eIF-5B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/eif5b-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115037