

Eukaryotic translation initiation factor 2 subunit 2 (EIF2S2) Recombinant Protein | EIF2S2 recombinant protein

Recombinant Human Eukaryotic translation initiation factor 2 subunit 2 (EIF2S2)

CATALOG #
AAA113760

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Eukaryotic translation initiation factor 2 subunit 2 (EIF2S2); Recombinant Human Eukaryotic translation initiation factor 2 subunit 2 (EIF2S2); EIF2S2 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	2-333, Full length protein
Sequence	SGDEMIFDPT MSKKKKKKKK PFMLDEEGDT QTEETQPSET KEVEPEPTED KDLEADEEDT RKKDASDDL DLNFFNQKKK KKKTKKIFDI DEAEAGVKDL KIESDVQEPT EPEDDLIML GNKKKKKKNV KFPDEDEILE KDEALEDEDN KKDDGISFSN QTGPWAGSE RDTYEELN RVFNIMREKN PDMVAGEKRK FVMKPPQVVR VGTKKTSFVN FTDICKLLHR QPKHLLAFL AELGTSGSID GNNQLVIKGR FQQKQIENVL RRYIKEYVTC HTCRSPDIL QKDTRL YFLQ CETCHSRCSV ASIKTGFQAV TGKRAQLRAK AN
Sequence Length	332
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 EIF2S2 recombinant protein

Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with This protein representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826335
NCBI GeneID	8894
NCBI Accession #	NP_003899.2
NCBI GenBank Nucleotide #	NM_003908.4
UniProt Accession #	P20042; Q9BVU0; Q9UJE4
Molecular Weight	38,388 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2 subunit 2 isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 subunit beta

NCBI Official Symbol	EIF2S2
NCBI Official Synonym Symbols	EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta
NCBI Protein Information	eukaryotic translation initiation factor 2 subunit 2
UniProt Protein Name	Eukaryotic translation initiation factor 2 subunit 2
UniProt Gene Name	EIF2S2
UniProt Synonym Gene Names	EIF2B; eIF-2-beta

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://www.aaabiotech.com/eif2s2-recombinant-protein-e-coli/113760>