

Elongation factor 2 Recombinant Protein | EEF2 recombinant protein

Recombinant Human Elongation factor 2

CATALOG # AAA18678	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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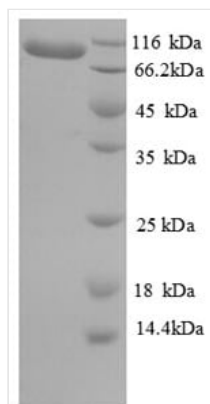
PRODUCT SYNONYMS

Elongation factor 2; Recombinant Human Elongation factor 2; EEF2 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	2-858aa; Full Length of Mature Protein
Sequence	VNFTVDQIRA IMDKKANIRN MSVIAHVDHG KSTLTDSLVC KAGIIASARA GETRFTDTRK DEQERCITIK STAIISLFYEL SENDLNFIKQ SKDGAGFLIN LIDSPGHVDF SSEVTAALRV TDGALVVVDC VSGVCVQTET VLRQAIAERI KPVLMMNKMD RALLELQLEP EELYQTFQRI VENNVNIIST YGEGESGPMG NIMIDPVLGT VGFGSGLHGW AFLTKQFAEM YVAKFAAKGE GQLGPAERAK KVEDMMKKLW GDYFDPANG KFSKSATSPE GKKLPRTFCQ LILDPIFKVF DAIMNFKKEE TAKLIEKLDI KLDSEDKDKE GKPLLKAVMR RWLPAGDALL QMITIHLPS VTAQKYRCEL LYEGPPDDEA AMGIKSCDPK GPLMMYISKM VPTSDKGRFY AFGRVFSGLV STGLKVRIMG PNYTPGKKED LYLKPIQRTI LMMGRYVEPI EDVPCGNIVG LVGVDQFLVK TGTITTFEHA HNMRVMKFSV SPVVRVAVEA KNPADLPKLV EGLKRLAKSD PMVQCIIIES GEHIIAGAGE LHLEICLKDL EEDHACIPIK KSDPVVSYRE TVSEESNVLC LSKSPNKHNR LYMKARPPFD GLAEDIDKGE VSARQELKQR ARYLAEKYEW DVAEARKIWC FGPDGTGPNI LTDITKGVQY LNEIKDSVVA GFQWATKEGA LCEENMRGVR FDVHDVTLHA DAIHRGGGQI IPTARRCLYA SVLTAQPRLM EPIYLVEIQC PEQVVGGIYG VLNRKRGHVF EESQVAGTPM FVVKAYLPVN ESFGFTADLR SNTGGQAFPQ CVFDHWQILP GDPFDNSSRP SQVVAETRK R KGLKEGIPAL DNFLDKL
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for EEF2 recombinant protein	Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movent of the two tRNA molecules, the mRNA and conformational changes in the ribosome.
Product Categories/Family for EEF2 recombinant protein	Epigenetics and Nuclear Signaling
References	Complete sequence of the coding region of human elongation factor 2 (EF-2) by enzymatic amplification of cDNA from human ovarian granulosa cells.Rapp G., Klaudiny J., Hagendorff G., Luck M.R., Heinz K.Biol. Chem. Hoppe-Seyler 370:1071-1075(1989) Construction of a plasmid containing the complete coding region of human elongation factor 2.Hanes J., Freudenstein J., Rapp G., Scheit K.H.Biol. Chem. Hoppe-Seyler 373:201-204(1992) Ustek D., Bektas M., Cakiris A., Oku B., Bermek E.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503483
NCBI GeneID	1938
NCBI Accession #	NP_001952.1
NCBI GenBank Nucleotide #	NM_001961.3
UniProt Accession #	P13639; Q58J86; B2RMP5; D6W618
Molecular Weight	99.2 kDa
NCBI Official Full Name	elongation factor 2
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 2
NCBI Official Symbol	EEF2
NCBI Official Synonym Symbols	EF2; EF-2; EEF-2; SCA26
NCBI Protein Information	elongation factor 2
UniProt Protein Name	Elongation factor 2
UniProt Gene Name	EEF2
UniProt Synonym Gene Names	EF2; EF-2
UniProt Entry Name	EF2_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/eeef2-recombinant-protein-e-coli/18678>