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32-3713: EEF2 Recombinant Protein

Alternative Name : Elongation factor 2,EF-2,EEF2,EF2,Eukaryotic Translation Elongation Factor 2,EEF-2.

Description

Source : E.coli. EEF2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (574-858) and having a molecular mass of 34.3kDa.EEF2 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Eukaryotic Translation Elongation Factor 2 (EEF2) which is necessary factor for protein synthesis is a part of the GTP-binding translation elongation factor family. EEF2 catalyzes the GTP-dependent ribosomal translocation step during translation elongation. EEF2 is also catalyzes the coordinated movement of the mRNA as well as the 2 tRNA molecules and conformational changes in the ribosome. EF-2 kinase phosporylation inactivates the EEF2 protein.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The EEF2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSDPVVSYR ETVSEESNVL CLSKSPNKHN RLYMKARPFP DGLAEDIDKG EVSARQELKQ RARYLAEKYE WDVAEARKIW CFGPDGTGPN ILTDITKGVQ YLNEIKDSVV AGFQWATKEG ALCEENMRGV RFDVHDVTLH ADAIHRGGGQ IIPTARRCLY ASVLTAQPRL MEPIYLVEIQ CPEQVVGGIY GVLNRKRGHV FEESQVAGTP MFVVKAYLPV NESFGFTADL RSNTGGQAFP QCVFDHWQIL PGDPFDNSSR PSQVVAETRK RKGLKEGIPA LDNFLDKL.