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32-3737: EIF4E Recombinant Protein

Alternative Name : CBP,EIF4E1,EIF4EL1,EIF4F.

Description

Source : Escherichia Coli. EIF4E Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (1-217 a.a.) and having a molecular weight of 27.2kDa. The EIF4E is fused to a 20 aa His-Tag at N-terminus and purified by proprietary chromatographic techniques. EIF4E is part of the eukaryotic initiation factor 4 families, controls translation of maternal mRNAs in early embryos before the onset of zygotic transcription. EIF4E identifies and binds to the 7 methyl GTP cap structure of eukaryotic mRNAs, thus modulates the initiation of translation. EIF4E enables ribosome binding by inducing the unwinding of the mRNAs secondary structures.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The EIF4E 0.5mg/ml protein solution contains 20mM Tris-HCl, pH-8, and 10% glycerol.
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 MATVEPETTP TPNPPTTEEE KTESNQEVAN PEHYIKHPLQ NRWALWFFKN DKSKTWQANL RLISKFDTVEDFWALYNHIQ LSSNLMPGCD YSLFKDGIEP MWEDEKNKRG GRWLITLNKQ QRRSDLDRFW LETLLCLIGE SFDDYSDDVC GAVVNVRAKG DKIAIWTTEC ENREAVTHIG RVYKERLGLP PKIVIGYQSH ADTATKSGST TKNRFVV.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.