

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.

