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EIF4E, 1-217aa, Human, His tag, E.coli

产品货号: TP01999

第三版

**别名:**Eukaryotic translation initiation factor 4E, CBP, EIF4E1, EIF4EL1, EIF4F

**描述:**EIF4E, a member of eukaryotic initiation factor 4 families, modulates translation of maternal mRNAs in early embryos before the onset of zygotic transcription. This protein recognizes and binds to the 7 methyl GTP cap structure of eukaryotic mRNAs, thereby mediating the initiation of translation. It facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Recombinant human EIF4E protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:**Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol, 1mM DTT

**分子量:**27.2 kDa(237aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMATVEPETTPNPPTTEEEKTESNQE VANPEHYIKHPLQNRWALWFFKNDKSKTWQA  
NLRLISKFDTVEDFWALYNHIQLSSNLMPGCDYSLFKDGI EPMWEDEKNKRGGRWLITLNKQRRSDLDRFWLETLLCLI  
GESFDDYSDDVCGAVVNVRAKGDKIAIWTTECENREAVTHIGRVYKERLGLPPKIVIGYQSHADTATKSGSTTKNRFVV

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.