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32-3733: EIF3I Recombinant Protein

Alternative Name :	Eukaryotic Translation Initiation Factor 3,Subunit I,EIF3S2, Eukaryotic Translation Initiation Factor 3,Subunit 2 Beta,36kDa,Eukaryotic Translation Initiation Factor 3 Subunit 2,TRIP-1,eIF-3-beta,EIF3 P36,TGF-Beta Receptor-Interacting Protei

Description

Source : Escherichia Coli. EIF3I Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 348 amino acids (1-325aa) and having a molecular mass of 38.9kDa.EIF3I is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Eukaryotic translation initiation factor 3, subunit I (EIF3I) is part of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is essential for numerous steps in the initiation of protein synthesis. The eIF-3 complex links with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2: GTP: methionyl-tRNAi and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also essential for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. Among the diseases associated with EIF3I are clonorchiasis, and tonsillitis.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	APOBEC4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMKPILLQ GHERSITQIK YNREGDLLFT VAKDPIVNVW YSVNGERLGT YMGHTGAVWC VDADWDTKHV LTGSADNSCR LWDCETGKQL ALLKTNSAVR TCGFDFGGNI IMFSTDKQMG YQCFVSFFDL RDPSQIDNNE PYMKIPCNDS KITSAVWGPL GECIIAGHES GELNQYSAKS GEVLVNVKEH SRQINDIQLS RDMTMFVTAS KDNTAKLFDS TTLEHQKTFR TERPVNSAAL SPNYDHVVLG GGQEAMDVTT TSTRIGKFEA RFFHLAFEEE FGRVKGHFGP INSVAFHPDG KSYSSGGEDG YVRIHYFDPQ YFEFEFEA

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