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32-3735: EIF3K Recombinant Protein

Alternative Name :	Eukaryotic Translation Initiation Factor 3 Subunit K,PLAC-24,eIF3k,eIF-3 p25,eIF-3 p28,EIF3S12,HSPC029,M9,PRO1474,PTD001,Muscle-specific gene M9 protein,ARG134,MSTP001,muscle specific,Eukaryotic Translation Initiation Factor 3 subunit 1

Description

Source : Escherichia Coli. EIF3K produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-218a.a.) and having a molecular mass of 27.2 kDa. EIF3K is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. EIF3K is a member of the eIF3 subunit K family. EIF3K is the smallest subunit of eIF3 and it interacts with a number of other subunits of eIF3 and the 40S ribosomal subunit. EIF3K is conserved among high eukaryotes, including mammals, insects, and plants, and it is universally expressed in human tissues. EIF3K is distributed both in nucleus and cytoplasm and colocalized with cyclin D3, a regulatory subunit of cyclin-dependent kinase 4 (Cdk4).

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The EIF3K protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 20% 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 it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAMFEQMRAN VGKLLKGIDR YNPENLATLE RYVETQAKEN AYDLEANLAV LKLYQFNPAF FQTTVTAQIL LKALTNLPHT DFTLCKCMID QAHQEERPIR QILYLGDLLE TCHFQAFWQA LDENMDLLEG ITGFEDSVRK FICHVVGITY QHIDRWLLAE MLGDLSDSQL KVWMSKYGWS ADESGQIFIC SQEESIKPKN IVEKIDFDSV SSIMASSQ