9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

EIF3K Human

Eukaryotic Translation Initiation Factor 3K Human Recombinant
RCP0739

Product Overview

Name	EIF3K Human
Description	
Eukaryotic Translation Initiation Factor 3K Human Recombinant	
Accession (Primary)	Q9UBQ5
Synonyms	
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 12.	
Introduction	
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).	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The EIF3K protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAMFEQMRAN VGKLLKGIDR YNPENLATLE RYVETQAKEN AYDLEANLAV LKLYQFNPAF FQTTVTAQIL LKALTNLPHT DFTLCKCMID QAHQEERPIR QILYLGDLLE TCHFQAFWQA	

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LDENMDLLEG ITGFEDSVRK FICHVVGITY QHIDRWLLAE MLGDLSDSQL KVWMSKYGWS ADESGQIFIC SQEESIKPKN IVEKIDFDSV SSIMASSQ

Precautions

EIF3K Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBQ5)