

EIF3K, 1-218aa, Human, His tag, E.coli

Cat.NO.: TP01997

3th Edition

Synonyms:Eukaryotic translation initiation factor 3 subunit K, ARG134, EIF3-p28, EIF3S12, HSPC029, M9, MSTP001, PLAC-24, PLAC24, PRO1474, PTD001

Description:EIF3K, also known as eukaryotic translation initiation factor 3 subunit K, belongs to the eIF3 subunit K family. It is the smallest subunit of eIF3 and it interacts with several other subunits of eIF3 and the 40S ribosomal subunit. This protein is conserved among high eukaryotes, including mammals, insects, and plants, and it is ubiquitously expressed in human tissues.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:27.2 kDa (238aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAMFEQMRANVGKLLKGIDRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQ
FNPAFFQTTVTAQILLKALTNLPHTDFTLCKCMIDQAHQEERPIRQILYLGDLLETCHFQAFWQALDENMDLLEGITG
FEDSVRKFICHVVGITYQHIDRWLLAEMLGDLSDSQLKVVMSKYGWSADESGQIFICSQEESIKPKNIVEKIDFDSVS
SIMASSQ

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.