

Recombinant Human EIF3K Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF3K-5518H **Lot. No.** (See product label)

SPECIFICATION

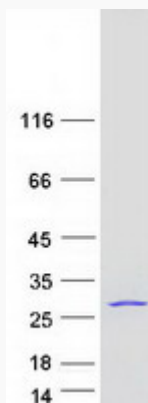
Product Overview	EIF3K MS Standard C13 and N15-labeled recombinant protein (NP_037366) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex.
Molecular Mass	25.1 kDa
AA Sequence	MAMFEQMRANVGKLLKGIDRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQF NPAFFQTTVTAQILLKALTNLPHDTFTLCKCMIDQAHQEERPIRQILYLGDLLETCHFQ AFWQALDENMDLLEGITGFEDSVRKFIHVVGITYQHIDRWLLAEMLGDLSDSQLKV WMSKYGWSADESGQIFICSQEESIKPKNIVEKIDFDSVSSIMASSQTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	EIF3K eukaryotic translation initiation factor 3 subunit K [Homo sapiens (human)]
Official Symbol	EIF3K
Synonyms	EIF3K; eukaryotic translation initiation factor 3, subunit K; EIF3S12, eukaryotic translation initiation factor 3, subunit 12; eukaryotic translation initiation factor 3 subunit K; ARG134; eIF3k; HSPC029; M9; PLAC 24; PRO1474; PTD001; eIF-3 p25; eIF-3 p28; muscle specific; muscle-specific gene M9 protein; eukaryotic translation initiation factor 3 subunit 12; eukaryotic translation initiation factor 3, subunit 12; PLAC24; EIF3S12; MSTP001; PLAC-24; EIF3-p28;
Gene ID	27335
mRNA Refseq	NM_013234
Protein Refseq	NP_037366
MIM	609596
UniProt ID	Q9UBQ5

SDS-PAGE

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