

Product datasheet for PH303529

EIF3K (NM_013234) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF3K MS Standard C13 and N15-labeled recombinant protein (NP_037366)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203529
Predicted MW:	25.1 kDa
Protein Sequence:	>RC203529 protein sequence Red=Cloning site Green=Tags(s) MAMFEQMRANVGKLLKGI DRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQFNPAFFQTTVT AQIL LKALTNLPHTDFTLCKCMIDQAHQEERP IRQILYLGDLLETCHFQAFWQALDENMDLLEGITGFEDSVRK FICHVVGITYQHIDRWLLAEMLDLSDSQLKVWMSKYGWSADESGQIFICSQEESIKPKNIVEKIDFDSV SSIMASSQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_037366
RefSeq Size:	898
RefSeq ORF:	654
Synonyms:	ARG134; EIF3-p28; EIF3S12; HSPC029; M9; MSTP001; PLAC-24; PLAC24; PRO1474; PTD001
Locus ID:	27335
UniProt ID:	Q9UBQ5

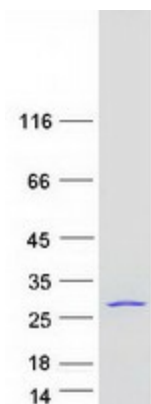


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Cytogenetics: 19q13.2

Summary: 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 (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified EIF3K protein (Cat# [TP303529]). The protein was produced from HEK293T cells transfected with EIF3K cDNA clone (Cat# [RC203529]) using MegaTran 2.0 (Cat# [TT210002]).