

Product datasheet for PH301271

EIF1 (NM_005801) Human Mass Spec Standard

Product data:

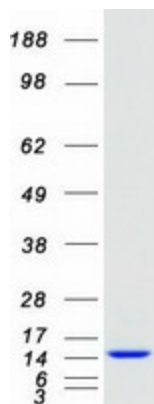
Product Type:	Mass Spec Standards
Description:	EIF1 MS Standard C13 and N15-labeled recombinant protein (NP_005792)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201271
Predicted MW:	12.7 kDa
Protein Sequence:	>RC201271 protein sequence Red =Cloning site Green =Tags(s) MSAIQNLHSFDPFADASKGDDLLPAGTEDYIHIRIQQRNGRKTLLTVQGIADDYDKKKLVKAFKKKFCN GTVIEHPEYGEVIQLQGDQRKNICQFLVEIGLAKDDQLKVHGF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_005792
RefSeq Size:	1326
RefSeq ORF:	339
Synonyms:	A121; EIF-1; EIF1A; ISO1; SUI1
Locus ID:	10209
UniProt ID:	P4156Z , Q6IAV3
Cytogenetics:	17q21.2



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Summary:

Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA.
[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified EIF1 protein (Cat# [TP301271]). The protein was produced from HEK293T cells transfected with EIF1 cDNA clone (Cat# [RC201271]) using MegaTran 2.0 (Cat# [TT210002]).