

## Product datasheet for **TP301271**

### EIF1 (NM\_005801) Human Recombinant Protein

#### Product data:

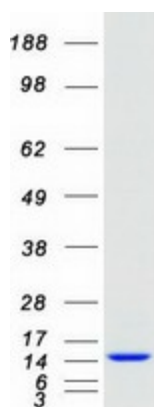
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 1 (EIF1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201271 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSAIQNLHSFDPFADASKGDDLLPAGTEDYIHIRIQQRNGRKTLLTVQGIADDDYDKKKLVKAFKKKFCACN GTVIEHPYGEVIQLQGDQRKNICQFLVEIGLAKDDQLKVHGF  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	12.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005792</a>
Locus ID:	10209
UniProt ID:	<a href="#">P41567</a> , <a href="#">Q6IAV3</a>
RefSeq Size:	1326
Cytogenetics:	17q21.2



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RefSeq ORF:	339
Synonyms:	A121; EIF-1; EIF1A; ISO1; SUI1
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]).