

## Product datasheet for **TP306301M**

### EIF5 (NM\_001969) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 5 (EIF5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206301 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSVNVNRSVSDQFYRYKMPRLIAKVEGKGNGIKTVIVNMVDVAKALNRPPTYPTKYFGCELGAQTQFDVK NDRIYVNGSHEANKLQDMLDGFIIKKFVLCPECENPETDLHVNPKKQTIGNSCKACGYRGLDTHHKLCTF ILKNPPENS DSGTGKKEKEKKNRKGDKENGVS SSETPPPPPPNEINPPHTMEEEEDDWGEDTTEE AQRRRMDEISDHAKVLTLSDDLERTIEERNILFDFVKKKKEEGVIDSSDKEIVAEAEERLDVKAMGPLVL TEVLFNEKIREQIKKYRRHFLRFCHNNKKAKRYLLHGLECVVAMHQAQLISKIPHILKEMYDADLLEEEV IISWSEKASKKYVSKELAKEIRVKAEPFIKWLKEAEEESSGGEEDEDEDENIEVVYSKAASVPKVETVKSD NKDDDDIDDAI  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	49 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.



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RefSeq: NP\_001960

Locus ID: 1983

UniProt ID: P55010

RefSeq Size: 5963

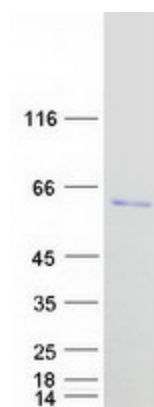
Cytogenetics: 14q32.32

RefSeq ORF: 1293

Synonyms: EIF-5; EIF-5A

**Summary:** Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations (summary by Si et al., 1996 [PubMed 8663286]).[supplied by OMIM, May 2010]

## Product images:



Coomassie blue staining of purified EIF5 protein (Cat# [TP306301]). The protein was produced from HEK293T cells transfected with EIF5 cDNA clone (Cat# [RC206301]) using MegaTran 2.0 (Cat# [TT210002]).