

Product datasheet for **TP314822M**

EIF4H (NM_022170) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 4H (EIF4H), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214822 representing NM_022170 Red =Cloning site Green =Tags(s) MADFDTYDDRAYSSFGGGRGSRGSAGGHGSRSQKELPTEPPYTAYVGNLPFNTVQGDIDAIFKDLSIRSV RLVRDKDTDKFKGFCYVEFDEVDSLKEALTYDGALLGDRSLRVDIAEGRKQDKGGFGFRKGGPDDRGMGS SRESRGGWDSRDDFNSGFRDDFLGGRGGSRPGDRTGPPMGSFRDGPPLRGSNMDFREPTEEERAQRPR LQKPRTVATPLNQVANPNSAIFGGARPREEVVQKEQE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	27.2 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:	<u>NP_071496</u>
Locus ID:	7458

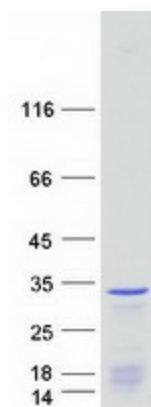


[View online »](#)

UniProt ID: [Q15056](#)
RefSeq Size: 2546
Cytogenetics: 7q11.23
RefSeq ORF: 744
Synonyms: eIF-4H; WBSR1; WSCR1

Summary: This gene encodes one of the translation initiation factors, which functions to stimulate the initiation of protein synthesis at the level of mRNA utilization. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified EIF4H protein (Cat# [TP314822]). The protein was produced from HEK293T cells transfected with EIF4H cDNA clone (Cat# [RC214822]) using MegaTran 2.0 (Cat# [TT210002]).