

## Product datasheet for TP314822

### 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, 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC214822 representing NM_022170<br>Red=Cloning site Green=Tags(s)<br><br>MADFDTYDDRAYSSFGGGRGSRGSAGGHGSRSQKELPTEPPYTAYVGNLPFNTVQGDIDAIFKDLRSRVS<br>RLVRDKDTRKFKGFCYVEFDEVDSLKEALTYDGALLGDRSLRVDIAEGRKQDKGGFGFRKGGPDDRGMGS<br>SRESRGGWDSRDDFNSGFRDDFLGGRGGSRPGDRRTGPPMGSFRDGPPLRGSNMDFREPTEEERAQRPR<br>LQKPRTVATPLNQVANPNSAIFGGARPREEVVQKEQE<br><br>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:                               | <a href="#">NP_071496</a>   |
| Locus ID:                             | 7458  |

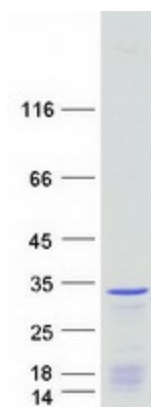


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UniProt ID: [Q15056](#)  
RefSeq Size: 2546  
Cytogenetics: 7q11.23  
RefSeq ORF: 744  
Synonyms: eIF-4H; WBSR1; WSCR1

**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]).