

## Product datasheet for **TP307437L**

### TAF7 (NM\_005642) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa (TAF7), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207437 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSKSKDDAPHELESQFILRLPPEYASTVRRRAVQSGHVNLKDRLTIELHPDGRHGIVRVDRVPLASKLVDL PCVMESLKTIDKKTFFYKTADICQMLVSTVDGDLYPPVEEPVASTDPKASKKKDKDKEKKFIWNHGITLPL KNVRKRRFRKTAKKYIESPDVEKEVKRLLSTDAEAVSTRWEIIAEDETKEAENQGLDISSPGMSGHRQG HDSLEHDELREIFNDLSSSSEDEDETQHQDEEDINIIDTEEDLERQLQDKLNEDEQHQENEGTNQLVMG IQKQIDNMKGKLQETQDRAKRQEDLIMKVENLALKNRFQAVLDELKQKEDREKEQLSSLQEELESLEK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	40.1 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_005633</a>
Locus ID:	6879



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UniProt ID: [Q15545](#)

RefSeq Size: 2310

Cytogenetics: 5q31.3

RefSeq ORF: 1047

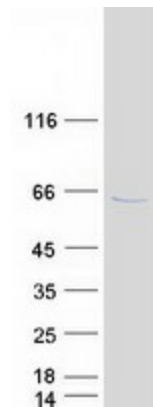
Synonyms: TAF2F; TAFII55

**Summary:** The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

**Protein Pathways:** Basal transcription factors

### Product images:



Coomassie blue staining of purified TAF7 protein (Cat# [TP307437]). The protein was produced from HEK293T cells transfected with TAF7 cDNA clone (Cat# [RC207437]) using MegaTran 2.0 (Cat# [TT210002]).