

## Product datasheet for PH307437

### TAF7 (NM\_005642) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TAF7 MS Standard C13 and N15-labeled recombinant protein (NP_005633)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207437
Predicted MW:	40.3 kDa
Protein Sequence:	>RC207437 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MSKSKDDAPHELESQFILRLPPEYASTVRRVQSGHVNLDRLTIELHPDGRHGIVRVDVPLASKLVDL  
 PCVMESLKTIDKKTFYKTADICQMLVSTVDGDL YPPVEEPVASTDPKASKKKDKDKEKKFIWNHGITLPL  
 KNVRKRRFRKTAKKKYIESPDVEKEVKRLLSTDAEAVSTRWEIIAEDETKAENQGLDISSPGMSGHRQG  
 HDSLEHDELREIFNDLSSSSEDEDETQHQDEEDINIIDTEEDLERQLQDKL NESDEQHQENEGTNQLVMG  
 IQKQIDNMKGKLQETQDRAKRQEDLIMKVENLALKNRFQAVLDELKQKEDREKEQLSSLQEELESLEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_005633</a></u>
RefSeq Size:	2310
RefSeq ORF:	1047
Synonyms:	TAF2F; TAFII55
Locus ID:	6879


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**UniProt ID:** [Q15545](#)

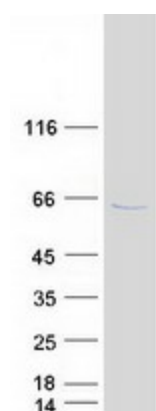
**Cytogenetics:** 5q31.3

**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]).