

## Product datasheet for **TP762110**

### **TAF1B (NM\_005680) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa (TAF1B),Met1-Lys208, with N-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Met1-Lys208) of TAF1B
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	23.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005671</a>
<b>Locus ID:</b>	9014
<b>UniProt ID:</b>	<a href="#">Q53T94</a>
<b>RefSeq Size:</b>	2306
<b>Cytogenetics:</b>	2p25.1
<b>RefSeq ORF:</b>	1764
<b>Synonyms:</b>	MGC:9349; RAF1B; RAFI63; SL1; TAFI63



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**Summary:**

Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. This gene encodes one of the SL1-specific TAFs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

**Protein Families:**

Transcription Factors

**Product images:**