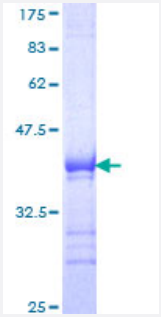
TAF6L (Human) Recombinant Protein (Q01)

Catalog # H00010629-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAF6L partial ORF (NP_006464, 2 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SEREERRFVEIPRESVRLMAESTGLELSDEVAALLAEDVCYRLREATQNSSQFMKHTKRRKLTVEDFNRALRWSSVEAVCGYGSQEALPMRPAREGELYFPEDREVNL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAF6L

Entrez GeneID	10629
GeneBank Accession#	NM_006473
Protein Accession#	NP_006464
Gene Name	TAF6L
Gene Alias	FLJ11136, MGC4288, PAF65A
Gene Description	TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa
Omim ID	602946
Gene Ontology	Hyperlink
Gene Summary	Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptide s. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the rem ainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is compos ed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivato rs, function in promoter recognition or modify general transcription factors (GTFs) to facilitate com plex assembly and transcription initiation. This gene encodes a protein that is a component of the PCAF histone acetylase complex and structurally similar to one of the histone-like TAFs, TAF6. T he PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. [provided by RefSeq
Other Designations	TAF6-like RNA polymerase II|TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF) -associated factor, 65 kD|p300/CBP-associated factor (PCAF)-associated factor 65

Pathway

- Basal transcription factors