

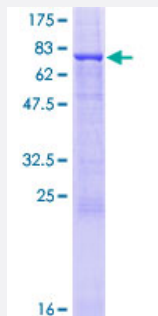
Full-Length

TAF1A (Human) Recombinant Protein (P01)

Catalog # H00009015-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAF1A full-length ORF (NP_005672.1, 1 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDFSEELKGPVTDDEEVETSVLSGAGMHFPWLQTYVETVAIGGKRRKDF AQTTSA CLSFIQEAL
LKHQWQQAAEYMYSYFQTLEDSDSYKRQAAPEIMWKL GSEILFYHPKSNMESFNTFANRMKNIGV
MNYLKISLQHALYLLHHGMLKDAKRN LSEAETWRHGENTSSREILINLIQAYKGLLQYYTWSEKKME
LSKLDKDDYAYNAVAQDVFNHSWKTSANISALIKIPGVWDPFVKSYVEMLEFYGDRDGAQEVL TN
YAYDEKFPSNPNAHYLYNFLKRQKAPRSKLISVLKILYQVPSHKLMLEFHTLLRKSEKEEHRKLGL
EVLFGVLDFA GCTKNITAWKYLA KYLKNILMGNHLAWVQEEWNSRKNWWPGFHFSYFWAKSDW
KEDTALACEKAFVAGLLL GKGCYFRYLKQD HQILGKKIKRMKRSVKKYSVNPRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.1

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 — TAF1A

Entrez GeneID	9015
GeneBank Accession#	NM_005681.2
Protein Accession#	NP_005672.1
Gene Name	TAF1A
Gene Alias	MGC:17061, RAF48, SL1, TAF48
Gene Description	TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa
Omim ID	604903
Gene Ontology	Hyperlink
Gene 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 the smallest SL1-specific TAF. Two transcripts encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000035653 OTTHUMP00000035654 SL1, 48kD subunit TBP-associated factor 1A