

Recombinant Mouse Taf1a Protein, Myc/DDK-tagged

Cat. No. Taf1a-6278M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length TATA-box binding protein associated factor, RNA polymerase I, A (Taf1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits.
Molecular Mass	52.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Taf1a TATA-box binding protein associated factor, RNA polymerase I, A [Mus musculus (house mouse)]
Official Symbol	Taf1a
Synonyms	TAF1A; TATA box binding protein (Tbp)-associated factor, RNA polymerase I, A; TATA box-binding protein-associated factor RNA polymerase I subunit A; TAFI48; TBP-associated factor 1A; TATA box-binding protein-associated factor 1A; transcription initiation factor SL1/TIF-IB subunit A; RNA polymerase I-specific TBP-associated factor 48 kDa; mTAFI48
Gene ID	21339
mRNA Refseq	NM_021466
Protein Refseq	NP_067441
UniProt ID	P97357

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