

Product datasheet for **TP507231**

Taf1a (NM_021466) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TATA-box binding protein associated factor, RNA polymerase I, A (Taf1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207231 representing NM_021466 Red =Cloning site Green =Tags(s)

MMSDFGEELTKLAVAEDNPETSVLSKTMHFPWLHKKHVEAWTGGKKRKDFAQTTSACLSFIQEALLKHQ
WQQAAYMHSYLQTLSDTDKRQAPEIHWKLGSEILFYHPKSNVETFNSFADRMKNIGVLNLYKISLQ
HALYLLHHGMLDDANRNLSKAETWRYGEKSSSQEVLINLVQAYKGLLQYYTWTRKKMELSKLDEDDYAYA
AKTRTMLSQSKTSTNICALVKTPGVWDPFVKSIVEMLEFYGDQDGAREMLTNYAYDEKFPSNPNAHVYL
YEFLKREKAPRAKLISVLKILHEIVPSHTLMLEFHTLLRKSDEEHQKLGSLVFEVLDFAGCNKNITAW
KYLAKYLKQILVGSHEWVEEWWKSRNWWPAFHFSFFWAKSDWKADTDLACEKAFVAGVLLGKGGCKYFR
YILKQDHETLKKKIKRMKKSVKKYTIVNPGVHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_067441</u>
Locus ID:	21339



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UniProt ID: [P97357](#)

RefSeq Size: 2430

Cytogenetics: 1 H5

RefSeq ORF: 1359

Synonyms: mTAFI48; TAFI48

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]