

Product datasheet for **RG232754**

TAF1 48 (TAF1A) (NM_001201536) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF1 48 (TAF1A) (NM_001201536) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TAF1A
Synonyms:	MGC:17061; RAFI48; SL1; TAFI48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG232754 representing NM_001201536
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGATTTTCAGTGAAGAATTAAGGGCCTGTGACAGATGATGAAGAAGTGA AACATCTGTGCTCA
 GTGGTGCAGGAATGCATTTTCTTGCTTCAAACATACGTAGAACTGTGGCCATTGGAGGGAAAAGGAG
 GAAGGATTTTGCTCAGACAACAAGTGCTTGTAAAGTTTATCCAAGAAGCTCTGCTGAAGCACCAATGG
 CAGCAAGCTGCAGAATACATGTACAGTTATTTTTCAGACCTTGAAGATTCAGATAGCTACAAAAGGCAGG
 CTGCACCTGAGATTATTTGGAAGCTCGAAGTGAAATTCTATTTTATCATCCAAAAGCAACATGGAGAG
 TTTCAATACTTTTGCTAACCGGATGAAAAATTTGGCGTCATGAATTATTTAAAGATCTCCTTACAACAT
 GCATTATACCTTTCGCATCATGGAATGCTTAAAGATGCTAAGAGAAATCTGAGTGAGGCAGAGACATGGA
 GACATGGTGAAAATACGCTTCCCGGAAATTAATCAACCTTATTCAGGCCTATAAAGGGCTTTTACA
 GTATTATACCTGGTCTGAAAAGAAGATGGAATTGTCAAAGCTTGATAAGGATGATTATGCTTACAATGCA
 GTAGCCACAGGATGTGTTCAACCACAGCTGGAAGACATCTGCAAATATTTCTGCATTGATTA AAAATTCCTG
 GAGTTTGGGACCTTTTGTGAAGAGTTATGTAGAAATGCTGGAATTCTATGGGGATCGAGATGGAGCCCA
 AGAGGTA CTACCAATTATGCATATGATGAAAAGTTTCCATCAAATCCAAATGCCCATATCTACTTATAC
 AACTTTCTAAAGAGACAGAAGGCACCAAGATCAA AATTGATAAGTGTGCTTAAGATTTTGTATCAGATTG
 TACCATCTCATAAATTGATGTTGGAATTCATACATTACTTAGAAAATCAGAAAAAGAAGAACCCGTAA
 ACTGGGGTTGGAGGATATTTGGAGTCTTAGATTTTGGCCGATGCACTAAGAATATAACTGCTTGGAAA
 TACTTGGCAAAAATCTGAAAAATCTTAATGGGAAACCACTTGCCTGGGTTCAAGAAGAGTGGAACT
 CCAGGAAAAACTGGTGGCCAGGCTTTTCATTTTCAGCTACTTTTGGGCAAAAAGTATTGGAAGGAAGATA
 CAGCTTTGGCCTGTGAGAAAGCTTTTGTGGCTGGTTACTGTTAGGAAAAGGTTGTAGATATTTCCGGTAT
 ATTTTAAAGCAAGATCACCAAATCTTAGGGAAGAAAATTAAGCGGATGAAGAGATCTGTGAAAAATACA
 GTATTGTAATCCAAGACTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG232754 representing NM_001201536
 Red=Cloning site Green=Tags(s)

MSDFSEELKGPVTDDEEVETSVLSGAGMHFPWLQTYVETVAIGGKRRKDF AQTTSACLSF IQEALLKHQW
 QQAAEYMYSYFQTLESDSYKRQAPEI IWKLGSEILFYHPKSNMESFNTFANRMKNIGVMNYLKISLQH
 ALYLLHHGMLKDAKRNLSAEETWRHGENTSSREILINLIQAYKGLLQYYTWSEKKMELSKLDKDDYAYNA
 VAQDVFNHSWKTSANISALIKIPGVWDPFVKSYVEMLEFYGDRDGAQEVL TNYAYDEKFPSPNAHIYLY
 NFLKRQKAPRSKLISVLKILYQIVPSHKLMLFHTLLRKSEKEEHRKLGLEVLFGVLDFAGCTKNITAWK
 YLAKYLNILMGNHLAWVQEWNRSRKNWPGFHF SYFWAKSDWKEDTALACEKAFVAGLLLGKGCYFRY
 ILKQDHQILGKKIKRMKRSVKKYSIVNPRL

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001201536.1</u> , <u>NP_001188465.1</u>
RefSeq Size:	1966 bp
RefSeq ORF:	1353 bp
Locus ID:	9015
UniProt ID:	<u>Q15573</u>
Cytogenetics:	1q41
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a subunit of the RNA polymerase I complex, Selectivity Factor I (SLI). The encoded protein is a TATA box-binding protein-associated factor that plays a role in the assembly of the RNA polymerase I preinitiation complex. Alternate splicing results in multiple transcript variants encoding multiple isoforms.[provided by RefSeq, Jan 2011]