

Product datasheet for SC328602

TAF7L (NM_001168474) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF7L (NM_001168474) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF7L
Synonyms:	CT40; TAF2Q
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328602 representing NM_001168474. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTAAAAGCCAGGATGAAGTTCCTGATGAAGTTGAGAACCAGTTTATATTGCGTCTGCCTCTGGAA
CATGCTTGTACTGTCAGGAACCTAGCACGTTCTCAAAGTGTCAAGATGAAGGATAAACTAAAAATTGAC
TTATTGCCTGATGGCGCCATGCAGTTGTTGAAGTAGAAGATGTCCCACTAGCTGCTAAGCTGGTTGAC
TTGCCTTGTGTTATTGAAAGCCTGAGAACGCTTGATAAAAAACCTTTTATAAACAGCAGACATTTCT
CAGATGCTTGTGTCAGTCTGATGGTGTATCCACCTTTCTCCAGAAGAACCAGCTGCCTCTACTGAT
CCTAATATAGTCAGGAAAAAGAAAGGGGAGAGAAGAAAAATGTGTCTGGAAGCATGGCATTACGCCA
CCACTTAAGAATGTCAGAAAGAAAAGTTCCGGAAAACACAAAAAAGGTCCTGATGTCAAAGAAATG
GAAAAAGCAGCTTTACTGAGTACATTGAATCTCCAGACGTGGAAAAATGAAGTAAAGAGACTGCTGCGT
TCGGATGCTGAAGCCGTAAGTACCCGTTGGGAAGTCATTGCTGAAGATGGAACCAAGGAAATAGAAAGT
CAAGGCTCCATCCCAGGATTTTTGATATCCTCGGGAATGAGCAGCCACAAGCAGGGTCATACCTCGTCA
GAATATGATATGCTTCGGGAGATGTTCACTGATTCTAGAAGTAAACATGATGATGATGAGGATGAGGAT
GATGAAGATGAGGATGAGGATGAGGATGAGGATGAAGTGAAGACAAAGAAGAGGAGGAGGAAGATTGT
TCTGAAGATATCTGAAAAGCAGCTGCAGGCCGAGTTTATTGAATCTGGCCAGTATAGGGCAAATGAA
GGTACCAGTTCAATAGTCATGGAATTCAGAAGCAGATTGAGAAAAAGGAGAAAAAGCTCCATAAGATT
CAGAAATAAGCACAAAGACAGAAGGATCTCATCATGAAAGTGGAAAACCTGACACTCAAGAATCATTTT
CAGTCTGTGCTGAGCAGCTTGAGTTACAGGAAAAACAAAAAATGAGAAGCTCATTTCCTACAGGAA
CAGTTGCAGCGTTTTCTGAAGAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001168474
Insert Size:	1131 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001168474.1</u>
RefSeq Size:	2203 bp
RefSeq ORF:	1131 bp
Locus ID:	54457
UniProt ID:	<u>Q5H9L4</u>
Cytogenetics:	Xq22.1
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors
MW:	43.6 kDa
Gene Summary:	<p>This gene is similar to a mouse gene that encodes a TATA box binding protein-associated factor, and shows testis-specific expression. The encoded protein could be a spermatogenesis-specific component of the DNA-binding general transcription factor complex TFIID. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.</p>