

Product datasheet for **SC316429**

TAF4B (NM_005640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF4B (NM_005640) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF4B
Synonyms:	SPGF13; TAF2C2; TAFII105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



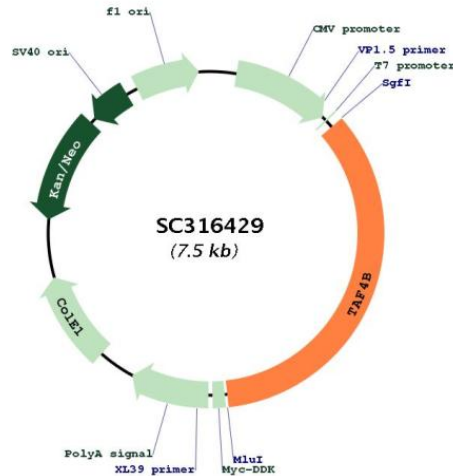
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Fully Sequenced ORF: >SC316429 representing NM_005640.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_005640

Insert Size: 2589 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:

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: [NM_005640.2](#)

RefSeq Size: 4339 bp

RefSeq ORF: 2589 bp

Locus ID: 6875

UniProt ID: [Q92750](#)

Cytogenetics: 18q11.2

Protein Pathways:	Basal transcription factors, Huntington's disease
MW:	91.1 kDa
Gene Summary:	<p>TATA binding protein (TBP) and TBP-associated factors (TAFs) participate in the formation of the TFIID protein complex, which is involved in initiation of transcription of genes by RNA polymerase II. This gene encodes a cell type-specific TAF that may be responsible for mediating transcription by a subset of activators in B cells. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>