

Product datasheet for **SC112252**

TAFID (NM_024116) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TAFID
Synonyms:	JOSD3; RAFI41; TAF(I)41; TAFI41
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112252 sequence for NM_024116 edited (data generated by NextGen Sequencing) <pre> ATGGATAAATCAGGAATAGATTCTCTTGACCATGTGACATCTGATGCTGTGGAACCTTGCA AATCGAAGTGATACTCTTCTGATAGCAGCTTATTTAACTCAGTGTATCCCTTACTCA CCTAAAGGGGAGAAAAGAACCCATTGCGAAAATTTGTTTCGTACACCTGAAAGTGTTCAC GCAAGTGATTCATCAAGTGACTCATCTTTGAACCAATACCATTGACTATAAAGCTATT TTTGAAAGATTCAAGAACAGGAAAAAGAGATATAAAAAAGAAAAAGAGGAGGTACCAG CCAACAGGAAGACCACGGGGAAGACCAGAAGGAAGGAGAAATCCTATATACTCACTAATA GATAAGAAGAAACAATTTAGAAGCAGAGGATCTGGCTTCCCATTTTGAATCAGAGAAT GAAAAAACGCACCTTGGAGAAAAATTTAACGTTTGAGCAAGCTGTTGCAAGAGGATTT TTTAAGTATATTGAAAACTGAAGTATGAACACCACCTGAAAGAATCATTGAAGCAAAATG AATGTTGGTGAAGATTTAGAAATGAAGATTTTGACAGTCGTAGATACAAATTTTGGAT GATGATGGATCCATTTCTCCTATTGAGGAGTCAACAGCAGAGGATGAGGATGCAACACAT CTTGAAGATAACGAATGTGATATCAAATTGGCAGGGGATAGTTTCATAGTAAGTTCTGAA TTCCCTGTAAGACTGAGTGTATACTTAGAAGAAGAGGATATTACTGAAGAAGCTGCTTTG TCTAAAAAGAGAGCTACAAAAGCCAAAAATACTGGACAGAGAGGCCTGAAAATGTGA </pre>

Clone variation with respect to NM_024116.3



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_024116 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGAGGTGCGCTGGTT
 ATCGGGAGTTGGAGGGCTGAGGTCGGGAGGGTGGTGTGTACAGAGCTCTAGGACTCACGC
 ACCAGGCCAGTCGCGGGTTTTGGGCCGAGGCCTGGGTTACAAGCAGCAAGTGCGCGGTTG
 GGGCCACTGCGAGGCCGTTTTAGAAAAGTGTAAAAACAAAGAGCAATTGATGGATAAAT
 CAGGAATAGATTCTCTTGACCATGTGACATCTGATGCTGTGGAACCTGCAATCGAAGTG
 ATAACCTCTCTGATAGCAGCTTATTTAAAGTCACTGTATCCCTTACTCACCTAAAGGGG
 AGAAAAAGAAACCCATTGAAAATTTGTTGTCACCTGAAAGTGTTCACGCAAGTGATT
 CATCAAGTGACTCATCTTTGAACCAATACCATTGACTATAAAAGCTATTTTTGAAAGAT
 TCAAGAACAGGAAAAAGAGATATAAAAAAAGAAAAAGAGGAGGTACCAGCCACAGGAA
 GACCACGGGAAGACCAGAAGGAAGGAGAAATCCTATATACTACTAATAGATAAGAAGA
 AACAAATTTAGAAGCAGAGGATCTGGCTTCCATTNTTGAATCAGAGAATGAAAAANACG
 CACCTTGAGAAAAATTAACGTTTGAGCAAGCTGTTGCAAGAGGATTTNTAACTATAT
 TGAAAACTGAAGTATGAACACCACCTGAAAGAATCATTGAAGCANATGAATGGTGGNTG
 AAAGATTAGAAATGAAGATTTTGACAGTCGTAGATACAATTTTGGATGATGATGGATCCA
 TTTCTNCTATTGAGGAGTCACAGCAGAGATGAGGATGCACCCATCTTGATNACGATGT
 GATATCN

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_024116 unedited
 AGCTCTGNACCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGGAAAGGGTTTTTAATTGGGTATATGTA
 CCATTAACAAAAATTTTTTAAAGGCAATAAATTGTTTTCGAGGAATTCATGTTGGGAT
 TTCTTCCACTGGCCATCAAGGGCACTTTAAATCCTTTAAAAAGCTGGAGTCAAAAAATTT
 ATTTTCAAGTTTGCCTGAAAAAATTTTATTAACCTTTAAAGTCTCACATGGC
 AACAAATCATGGATTATTACCTTTTATATCTCCTCAGGAAAACATAGCCCCAACATTAGG
 AGGGCTTTAGGGCTTCTATAAAAACTTCCATTTTTGGTCAACAGCGTTAAAACTTTGG
 GTTTCACAACCTCATAACCCCTTTTGAAGAGCCCATACAAATGTCTTTCTAATGCAT
 ACATACCTTTTAAAGAACTGATCCAGTTGCTCTGTACCCCTACCTAACAAATAGTATA
 AAAGTAAATTTTACATTTCCAAAAATGAGTGTACAGGGAGTGAACATGAATGAGTCCCTA
 AAACGAGCCTGAGTTAACTCTACTACAACTGCTTGGTTATTAGCAACCCACAAGGGTTA
 CAATATAAAGGCAAGCAATTTGCCTGATTCAAGAGATCTAGGAGAATTTTCAATCTC
 ACTGATTTTAAAGAAAAACACATGTGGTTCACATTTTATTGTATTGCATTTTATAACAG
 TTAATCAACTGTTCCCAATAAGCTGATTGCTAGCAAAGTACCAGATGAAAACTACTGGG
 AAATTTTTTATGGCCATGTCCACAACAATGAAAGTCTTCTAAAGCCCTGTTATGACAT
 TACACCCTGAGCAATAACTTATAGTAAGATAAAACCTCCTGCCCTAATACCTTGGCTGT

Restriction Sites:

NotI-NotI

ACCN:

NM_024116

Insert Size:

2500 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_024116.1, NP_077021.1</u>
RefSeq Size:	2336 bp
RefSeq ORF:	1323 bp
Locus ID:	79101
UniProt ID:	<u>Q9H5J8</u>
Cytogenetics:	11q21
Gene Summary:	TAFID is a member of the SL1 complex, which includes TBP (MIM 600075) and TAFIA (MIM 604903), TAFIB (MIM 604904), and TAFIC (MIM 604905), and plays a role in RNA polymerase I transcription (Wang et al., 2004 [PubMed 15520167]; Gorski et al., 2007 [PubMed 17318177]). [supplied by OMIM, Jun 2009] Transcript Variant: This variant (1) represents the shortest transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.