

Product datasheet for **SC321333**

TRAFD1 (NM_006700) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAFD1 (NM_006700) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAFD1
Synonyms:	FLN29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006700.1
 GAAGAGCTAAAGATGGCTGAATTTCTAGATGACCAGGAACTCGACTGTGTGACAACTGC
 AAAAAAGAAATTCCTGTGTTAACTTTACCATCCATGAGATCCACTGTCAAAGGAACATT
 GGTATGTGTCCTACCTGTAAGGAACCATTTCCCAAATCTGACATGGAGACTCACATGGCT
 GCAGAACACTGTCAGGTGACCTGCAAATGTAACAAGAAGTTGGAGAAGAGGCTGTTAAAG
 AAGCATGAGGAGACTGAGTGCCCTTTGCGGCTTGCTGTCTGCCAGCACTGTGATTTAGAA
 CTTTCCATTCTCAAACCTGAAGGAACATGAAGATTATTGTGGTGCCCGACGGAACATGT
 GGCAACTGTGGTCGCAATGTCCTTGTGAAAGATCTGAAGACTCACCTGAAGTTTGTGGG
 AGAGAGGGGGAGGAAAAGAGAAATGAGGTTGCCATACCTCCTAATGCATATGATGAATCT
 TGGGGTCAGGATGGAATCTGGATTGCATCCCAACTCCTCAGACAAATTGAGGCTCTGGAC
 CCACCCATGAGGCTGCCGGAAGGCCCTGAGAGCCTTTGAATCAGATGTTTTCCACAAT
 AGAACTACCAACCAAGGAACATTACAGCCAGGTTTCAATTCAGAATAATCTGTTTGAA
 GAACAAGAGAGGCAGGAAAGGAATAGAGGCCAACAGCCCCCAAGAGGGTGGTGAAGAG
 AGTGCAAACTTGGACTTCATGTTGGCCCTAAGTCTGCAAAATGAAGGCCAAGCCTCCAGT
 GTGGCAGAGCAGGACTTCTGGAGGGCCGTATGTGAGGCCGACCAGTCTCATGGCGGTCCC
 AGGTCTCTCAGTGACATAAAGGGTGCAGCTGACGAGATCATGTTGCCTTGTAATTTTGT
 GAGGAGCTCTACCCAGAGGAACTGCTGATTGACCATCAGACAAGCTGTAACCCCTTCACGT
 GCCTTACCTTCACTCAATACTGGCAGCTTCCCCCAGAGGGGTGGAGGAACCTGATGTC
 ATCTTCCAGAACTTCTTGCAACAGGCTGCAAGTAACCAAGTTAGACTCTTTGATGGGCCTG
 AGCAATTCACACCCTGTGGAGGAGAGCATATTATCCCATGTGAATCTGTGGGGTACAG
 CTGGAAGAGGAGGTGCTGTTCCATCACCAGGACCAGTGTGACCAACGCCAGCCACTGCA
 ACCAACCATGTGACAGAGGGGATTCCTAGACTGGATTCCCAGCCTCAAGAGACCTCACCA
 GAGCTGCCCAGGAGGCGTGTGACACACAGGAGACCTGTCTTCTGGTTACCTGGATGAT
 ACTAAGCAGGAAACAGCTAATGGGCCACCTCCTGTCTGCCTCCAGCCGACCCATTAAAC
 AATATGACAGCTACCTATAACCAGCTATCGAGATCAACATCAGGCCCCAGACCTGGGTGC
 CAGCCCAGCTCTCCTTGTGTGCCGAAGCTCAGCAACTCAGACAGCCAGGACATCCAGGGG
 CGGAATCGAGACAGCCAGAATGGGGCCATAGCCCTGGGCACGTTTCAGTGATTCGCCCT
 CCTCAAATCTCTACCCAGAAAACATTGTGCCCTTTTCTCCCCTGGGCCTTCAGGGAGA
 TACGGAGCTAGTGGTAGGAGTGAAGGTGGCAGGAATCCCGGGTCACCCCTGCAGCTGCC
 AACTACCGCAGCAGAAGTCAAAGGCAAAGCCTTCCAAGCAACAGGGAGCTGGGGATGCA
 GAAGAGGAAGAGGAGGAGTAATGGTGTCTCCAGAGACTTTACATCGGTTCTGTCTTCTG
 TGCACAGCAGCACTTGCCGCTGTGCAGGCCACCTCTTTGGCTCTTTGGGTGGGAGAGTT
 TTTCCAGATTTTAGATTTTTCTAGGTTATGGCCATTTTGTGTCTTTGAGGTTGTGCTGT
 GGGGGTTTGGGTTTGAAGGAAGGGAGCAGGGTGGCGGTTGAGGAACGCTTCAGCCTTAGC
 TGCTACCTTTTCGGCAGCAGTGAATACAAGCTGCAGCCTCGGCTGCCAGGGCTCCCTTTT
 GACTTATTGTGCGCACTGCCCTTGGTGTGTGTGGTCCCAGTGAAGGAGGGGAAGATT
 TTGGAAACCTGGTAGCCACCAAGTGAAGTATTCTGTCCTGTTGGGGCTAAATTTGGG
 GGCTTTTGGGCAACCTCTCCGTGACTGCGTCTGTCCACACTCGATTGGGCCCAAGGTGT
 GTATGAGGCGCTCTGGTAAGGTGCTCAGGCCAGTTGCAATGTCTGTGAGTAACGAGGCTT
 TTGATGTGTTGAGCTGGAGGTGAGTGGACCGGGGCTGTGTTTTAAGCTGCTTCCTTGGC
 ATTTGGCATCACTGCCTTCTGTTCCCGGGGAGCATGGATCTTTTGTCTCACTGCTTTC
 TAATGGGGAGGGCTGAGGGCTCCCTGTCCCAACAGCAGGTATGTTGGGCTCTGCCCCAGC
 CCCACACTTGCTCTGAAAACCAAGTGTGAGAGCCCTTCCCTTGTTTTTATTTTACTGT
 TATAATAATTATAAATCTCCTTGAATAGAAATAAAGTTTGTACTTGAAAAA
 AAAAAA

Restriction Sites: Please inquire
ACCN: NM_006700

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:	<u>NM_006700.1</u> , <u>NP_006691.1</u>
RefSeq Size:	2618 bp
RefSeq ORF:	1749 bp
Locus ID:	10906
UniProt ID:	<u>O14545</u>
Cytogenetics:	12q24.13
Domains:	zf-TRAF, zf-C2H2
Gene Summary:	The innate immune system confers host defense against viral and microbial infection, and TRAFD1 is a negative feedback regulator that controls excessive immune responses (Sanada et al., 2008 [PubMed 18849341]).[supplied by OMIM, Dec 2009] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.