

Product datasheet for **MC224984**

Tanc1 (NM_198294) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tanc1 (NM_198294) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tanc1
Synonyms:	1200003E16Rik; mKIAA1728; Tanc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224984 representing NM_198294 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGAAGGCTGTGCTGAAGAAGAGCCGAGAGGGAGGAAAGGGAAGCAAGAAGGAAGCAGGAGGTGACT
TTGGCTCAGAGACGCCTGCCTTGTCTCCAGTGGTGACTCTCCTGTGAACAGTTTGTCCACAACAGAGGA
CACTTATCGTGTGAGCTTGGCCAAAGGGTCTCTATGTCTTCCCTTCATCACCTTTGCTGCCTCGACAA
TCTCTCCTGACACAGTCAAGATCGAACAAAAATCTCCAGGTCCCCTCAGGAAGCCCAAGTATGTGGAAA
GCCCCAGGGTGC CGGGAGATCCAGTTATGATCCCCTTCGGAGAAGGGTCCAAGCCCTCAGAGCCCAGTGC
GACTGAAGCGAAGGCTGATAATGAACCGAGCTGCTCTCCAGCAGCTCAAGAACTGTTGACAAGGCTGGGA
TTTCTACTGGGAGAGGGGATCCCAGCGCCACACACATAACCAATTGAAGACAAAAATGAAGCCATGTGCA
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GCTTCATGACCGAAGGGCAGATAACTGTTCCCCAGTGGCAGAAGAGGAGACTACTGGGTCCCGGAGAGC
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TGGTACCTGAGTTTGTGCACAGCATTGCTGCTTTGCTGTGCCGGTCCCACCAGCTGGCTGCCTACAGAGA
 CTTTCTGATCAAGGAACCCAGCTGCAGAGCATGCTGAGCCTCCGCTCCTGTGTGACAGGATCCCCTGGCT
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 CACCTCTCATGGTGGCTTCTGTGAGGGACACCTGAGCACCGTGGAAATCCTCCTCTCAAAGGTGCTGC
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 CAGGAAATCAAGAGGCTCCTGGCCGTTTGAAGAAGAGTGAAGCAACTCCAGAGGAACACAGCAGCAAA
 AGCAGCAGGGTCCCCACCAGCTCCAGCCAATGACTCGGATAATGAGGAGGATGCCCCAGCCTCTAGTTT
 AAAGGACCACTTCCCATTTGAGGAGGCGGAAGAGGACACCTTTCACAGGAAGAGTCCATTTCCCCG
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 CAATCTAGCATGAGAAACAGTAGCACAAAAATACAAGTTTCTTCTCAGAACCCTCCCCGAGTCCGATGC
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 AGGAACTGGTTGTGGCCACTTCCGGGATCGGCTGGGCGCCAGCCAGGCCTCCAGCTGCAGCGCAGTGAG
 AGCGGCACTGCGTATCCTCTACCGAGCAAAGTCAAAGCTGCCGAGAGGCTCCTGGCTCATGCCTCCGTGG
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 TCAAGCAGTAGCGTTTACAGCGGATTCAAGGTCCAAGGACCAGACTCTCGGATCAGAGACAAAGGTACAA
 CCCAGGTGACGGTGGCACTGCCGAACACAGGCCCCGCAACACTCCATTTATGGGCATCATGGACAAGAC

CGCCAGGTTCCAGCAGCAAAGCAATCCTCCGAACCGCTCCTGGCACTGCCCGGTGGCAGAGGGGCTACTG
 ACAAACACAGCCACTGCAGCTGGCCTGCAGTCTAACTCTGAGAAACCCACTCTCAAGCCAGGAGGATACT
 GTAGCCAAGCCAAACCGTGTTCAGTTCCTCCCCTGAGCATGGGTGTCCACAATGGGGCTCAGGTGAAGGA
 GCTGGAAGAGAACAAGTGCCAAATCCCAGCCCTCTGTCAAGATAACAGGATAACTAAGGGGGTTCCTCAT
 CTCTACCCAGAGGGCGTCTTAAGCAGCCACTTCATGTCAAGTACGGAAGCCACAGGAGCCACCTCACT
 CAGCAAAACCAAAGCGATCGTTCATAGAGTCCAATGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_198294
Insert Size:	5571 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:	<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_198294.3</u> , <u>NP_938036.2</u>
RefSeq Size:	7939 bp
RefSeq ORF:	5571 bp
Locus ID:	66860
UniProt ID:	<u>Q0VGY8</u>
Cytogenetics:	2 C1.1
Gene Summary:	May be a scaffold component in the postsynaptic density.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). The 5'-most non-coding exon of this variant is inferred based on partial transcript alignments.