

Product datasheet for MC225107

Tanc2 (NM_181071) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tanc2 (NM_181071) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tanc2
Synonyms: 3526402J09Rik; 5730590C14Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225107 representing NM_181071
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTTCGGAATAGTCTCAAGATGCTTCTTACTGGTGGGAAGTCAAGTCGGAAAAACAGGTCAAGTGATG
GAGGAAGCGAGGAACCACCGGATCGAAGACAGTCGAGTGTAGATTCTCGCAAAGCCGCTCTGGCAAGG
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GGTGATGTTGAACAAGAACTTGGCCACCTCCATCTGTAGATGAGGCAGCAACACACTCATGACTCGTC
TGGGTTTCTCCTTGGAGAGAAAGTACAGAAAGTACAACCAAGTACCAATATAGCATGGAGGTACAGGA
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CCACCAGCCAGCAGCCCTGCTCTACGCTCCCACCAGTCAGTACAAATGCAGCTGCCAAGGACTGTAGCT
ATGGGGCTGTACCAGCCCCACCTCCACTCTAGAAAGCAGAGACAGTGGCATCATTGCAACATTAACAAA
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CTAAAACCATGGCAGTCTCAAAAATCCAGCATGGACTCTTGTCTGTACCGAGTGGATGAAAACATGGCTG
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TATTCCGTTGTATCTCATGCCTCGGCCAAATTCTGTAGCAGCCACCAGCTCTGCCCACTTGAGGATCTT
GCTTACCTGGATGAGCAGAGACACTCCTTTGAGGACATCCCTTAGAATGCCAAGACAGAGCCTGAGTG
GTGCTCGAACACAGCAGGATCTCAGAGTTCGCTTTGCACCTTACAGACCTCCAGACATCTCCTTGAAGCC
CCTACTCTTGAAGTGGCCAGCATTACCACGGAGTCAGTGTGTTGTTGGTCGAGATTGGGTATTCCATGAG
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GGTACCAGAATTCGTCCACAATGTTGCTGCCCTGCTCTGCCGCTCACCTCAGCTGACAGCTTACCGGAA
CAGCTTCTCGGGAGCCTCACCTGCAGAGCATGCTAAGCCTCCGGTCTGTGTTCAAGATCCCATGGCCT



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CCTTCCGAGAGGAGTCCTAGAGCCCTTGAGAACCTCCACAAAGAGAGAAAAATCCCAGATGAAGATTT
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GTCATATTATCCAGTCTGTCACTCAAACTAGATCTGGAGCGTTCTCCAGCCAGCTGGGTTCCCCCGAT
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GGCCGCTGCTGCACTCACAGAGTGTGGGCTGCGCTTTTCTCCATCCAGCAATAGCATCTCATCCACCTC
CAACCTGACTCCCACCTCCGGCCTTCTTCTCAATTCAGCAAATGGAGATCCCCTAAAACCGGCATAT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_181071 |
| Insert Size: | 5985 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: | NM_181071.3 , NP_851416.2 |
| RefSeq Size: | 11864 bp |
| RefSeq ORF: | 5985 bp |
| Locus ID: | 77097 |
| UniProt ID: | A2A690 |
| Cytogenetics: | 11 E1 |
| Gene Summary: | Scaffolding protein in the dendritic spines which acts as immobile postsynaptic posts able to recruit KIF1A-driven dense core vesicles to dendritic spines.[UniProtKB/Swiss-Prot Function] |