

## Product datasheet for MC202736

### Tacr3 (NM\_021382) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tacr3 (NM_021382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tacr3
Synonyms:	Nk; Nk3r; Nkr; Tac; Tac3r
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC066845 sequence for NM\_021382  
 CCCGGCAGGACCCAAAGCAGGAGTCTGGTTCTTTCTGCCAGCAAACCTCCAGGAGTGAGGCTCCAGCT  
 CTGCAGCCTTTGCCCAACAACCGCATCCCAGGGGGCGGAACCATCCATCACTGCCGGCTACCAGGTAGT  
 GCCCAAAAACAACGTGCCAGGGAGTGAAGAACTTCAAGGGAGCGGGCTCCTGCTGGCCTCCGGAGTGTG  
 ACAGGTCCCCAGCTGCAGACGCTGGCCATGGCCTCGGTTCCACCGCGCAAAAACCTGGACGGACGGGACGG  
 CGGGCGTGGGGTCCCATACAGGGAATCTGAGCGCTGCGCTGGGGATCACTGAGTGGCTTGCCTCCAGGC  
 TGGCAACTTCTCCTCCGCGCTGGGCTTGCAGTGACATCCAGGCACCTTCCCAAGTCCGGGCCAACCTG  
 ACGAACCAAGTTCGTGCAGCCCTCTGGCGAATCGCGCTCTGGTCGCTGGCCTATGGCTTAGTGGTGGCGG  
 TGGCAGTCTTCGAAACCTCATCGTTATTTGGATCATCTTGGCCACAAGCGCATGAGGACCGTACCCAA  
 CTATTTCTGGTAAACCTGGCTTTCTCCGACGCCCTCCGTGGCTGCCTTCAACACCTTGGCCAATTTTCATC  
 TATGGTGTTCACAGCGAGTGGTACTTTGGCGCAAACCTACTGCCGCTTCCAGAACTCTTTCCCATCACAG  
 CGGTGTTTGCAGCATCTACTCTATGACAGCCATTGCAGTGGACAGGTATATGGCCATTATCGATCCTTT  
 GAAACCCAGACTATCTGCCACAGCCACTAAGATTGTCATCGGAAGTATTTGGATTTTGGCATTCTACTT  
 GCCTTCCCTCAATGTCTTTATTTCCAAAATAAAAGTCATGCCAGGCCGTACCCTTTGCTATGTGCAGTGGC  
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 GACAAGTACCATGAGCAGCTTAAGGCTAAACGAAAGGTTGTAATAATGATGATTATTGTGGTGGTGACAT  
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 GAAATACATCCAGCAGGCTACCTGGCTAGCTTCTGGCTGGCCATGAGCTCAACCATGTACAACCCCATC  
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 CTAAGGCTGCCATGAGACCACCATGAGGCCAACCTAGGTCCTCATTCTCCTAACCATGCCAGGTCCTT  
 TTCTAGTACTTTGGGAAAGCAGAAGGGCAGTCTTAGGTTGGGATACTTCATTTGAGAAAAGTGGAAATA  
 CCAACATAAACAACAACTACCAACATATCGGCCAGCACAAAAGAACTGAGTCTTCAATCATATGCAAAGT



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GTGAATCTGAAAGATGCTCTAAGTATCCGGTGTCTGTCATTTAAACAATGGCAATGTGTCTTTGTGACCTC
CGAACAGCAGAGGGGTTTTCCAAGAGAATAAGGAGGCTCTAAAATGCTATGATGACGAAGGGAAACATGA
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CCATGTGTAGGCACATTTAAGAGGCCAGAACAAAATTACAGACATCTAGAAGTGTAGAATGCGTCTTCC
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GCCTTCTGGGAATGAGATTTGCCTACAAAACCTGTCTTTCCCAACATTCAAGTGGGTTTTATTAACATATC
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CTCATTTGAAGCCAAAACCATATATACCAGACTGTTACACAATTTCAACTCTCTAAAGTACCAAATATA
TATGCTTGGGTTTACTTTAATAACTCCAATAAACAAACAGACAACCAAATACACATATGAGTGTGCAGAT
AAACACTATCAAAAATGAATGTGATTGCTTCAAGGATTGAATTCAAAATTGAAACCAAAAAGGCAGATGG
TCACAACAGGATTGCCCAAAAAGCCACTCAGTGTCTACGAAGCATTGTGTGCATGTTTCCCCTTAGC
AATTGTATCTCATCTGAATATAGTGTGTTGAAAAATGTTTATCTTAAATTATGTAAGTGCTTATCAA
ATGTAATCATCATGAAAACCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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**Restriction Sites:**

RsrII-NotI

**ACCN:**

NM\_021382

**Insert Size:**

1359 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.

**RefSeq:**
[BC066845](#), [AAH66845](#)

RefSeq Size: 3763 bp

RefSeq ORF: 1359 bp

Locus ID: 21338

UniProt ID: [P47937](#)

Cytogenetics: 3 G3

**Gene Summary:** This gene belongs to a family of genes that function as receptors for tachykinins. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B. [provided by RefSeq, Mar 2010]