

Product datasheet for **RN213209**

Tacr2 (NM_080768) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tacr2 (NM_080768) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tacr2
Synonyms:	Tac2r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213209 representing NM_080768 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGACCCGTGCCATTGTTTCTGACGCCAACATCTTGTCTGGCCTCGAGAGCAATGCCACGGGTGTTA
CAGCCTTCTCCATGCCTGGCTGGCAGCTGGCGTTATGGGCCACAGCCTACCTGGCCCTGGTGTGGTGGC
TGTGACAGGCAATGCCACAGTCATCTGGATCATTCTGGCCACGAGAGGATGCGCACAGTCACCAACTAT
TTCATCATCAACCTGGCCTTGGCGGACCTCTGCATGGCAGCCTTCAACCGGACCTTCAACTTCATCTACG
CCAGTCACAACATCTGGTACTTCGGCCGTGCCTCTGCTATTTCCAGAACCTCTTCCCATCACAGCCAT
GTTTCGTCAGCATCTACTCCATGACCGCCATTGCTGCTGACAGGTACATGGCCATCGTTCACCCCTTCCAG
CCACGGCTCTCGGCCCCAGCACCAAGGCGATTATCGCTGGCATCTGGCTGGTAGCCCTGGCTCTCGCCT
CCCCGCAATGCTTCTACTCCACCATCACTGTGGACGAGGGGGCCACCAAGTGTGTGGTGGCCTGGCCAA
TGACAACGGAGGCAAGATGCTCCTACTGTATCATCTGGTCTGTTTGTCTCATCTACTTCTGCCTCTC
CTGGTGATGTTTCGGGGCTTACAGTGTCTCGGCCCTCACACTGTGGAAGCGCGGGTACCCAGACACCAGG
CTCACGGAGCCAACTTACGCCATCTACAGGCCAAGAAGAAGTTTGTGAAGGCCATGGTACTGGTGGTGTCT
GACATTTGCCATCTGCTGGCTGCCCTACCACCTTACTTCATCTGGGGACCTTCCAAGAGGACATCTAC
TACCACAAGTTTATCCAGCAGGTCTACCTGGCGCTCTTCTGGCTGGCCATGAGCTCCACAATGTACAACC
CTATCATTATTGCTGCCTTAACCACAGGTTTCGCTCTGGATTCCGGCTTGTCTTCCGGTGTGCCCTG
GGTGACACCAACTGAGGAAGACAGGCTGGAGCTGACTCACACGCCATCCCTCTCCAGGAGAGTCAACCGG
TGTACATACCAAGGAGACTTTGTTTCATGACGGGGGACATGACCCACTCTGAGGCTACCAATGGACAGGTTG
GGAGTCCCAGGATGGGGAGCCTGCTGGACCCATCTGCAAGGCCAGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080768
Insert Size:	1173 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_080768.1 , NP_542946.1
RefSeq Size:	2979 bp
RefSeq ORF:	1173 bp
Locus ID:	25007
UniProt ID:	P16610
Cytogenetics:	20q11
Gene Summary:	G-protein coupled receptor for tachykinin K (neurokinin A); coupled to the phosphatidylinositol-calcium second messenger system [RGD, Feb 2006]