

Product datasheet for MC209493

Tacr2 (NM_009314) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tacr2 (NM_009314) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tacr2
Synonyms:	Nk2r; Skr; Tac2r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209493 representing NM_009314 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCCACGCCAGCGTTACCGACACCAACATCTTGTCTGGCCTTGAGAGTAACGCAACAGGCGTTA
CAGCCTTCTCTATGCCTGGCTGGCAGCTGGCGCTATGGGCCACAGCCTACCTGGCCCTGGTGTGGTGGC
TGTAACAGGCAACGCCACAGTCATCTGGATCATTCTGGCCATGAGAGAATGCGCACGGTCACCAACTAT
TTCATCATCAACCTGGCCTTGGCAGACCTCTGCATGGCGGCTTCAATGCCACCTTCAACTTCATCTATG
CCAGTCACAACATCTGGTACTTCGGCAGCACCTTCTGCTACTTCCAGAACCTCTTTCCTGTCACAGCCAT
GTTTCGTCAGCATCTACTCCATGACCGCCATCGCCGCTGACAGGTACATGGCCATTGTCCACCCTTTCCAG
CCACGGCTCTCCGCCCCAGCACCAAGGCGGTTATTGCTGTCATCTGGCTGGTAGCCCTGGCTCTCGCCT
CCCCACAATGTTTCTACTCCACCATCACTGTGGACCAGGGGGCCACCAAGTGTGTGGTGGCCTGGCCAA
TGACAACGGAGGCAAGATGCTCCTACTGTATCATCTGGTGGTGTGTCCTCATCTACTTCTGCCTCTA
GTGGTGATGTTTGCAGCTTACAGTGTATTGGCCTCACACTGTGAAACGCGCCGTACCCAGACACCAGG
CTCATGGAGCTAACCTGCGCCATCTACAGGCCAAGAAGAAGTTTGTGAAGGCCATGGTACTGGTGGTGGT
GACATTTGCCATCTGCTGGCTGCCCTACCACCTTACTTCATCTGGGGACCTTCCAAGAGGACATCTAC
TACCGCAAGTTTATCCAGCAGGTCTACCTGGCACTCTTCTGGCTGGCCATGAGCTCCACCATGTACAACC
CCATCATTTATTGCTGCCTTAACCACAGGTTTCGCTCTGGATTCCGGCTTGCTTTCCGGTGTGCCCTG
GGGGACACCAACCGAGGAAGACAGGCTGGAGCTGACCCCACTCCGTCCATCTCCAGGAGAGTCAACCGG
TGTACACCAAGGAGACTTTGTTTCATGACAGGGGATGACCCACTCTGAGGCTACCAATGGGCAGGTTG
GGGGCCCCAGGATGGGGAGCCTGCTGGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009314
Insert Size:	1155 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_009314.4 , NP_033340.3
RefSeq Size:	2258 bp
RefSeq ORF:	1155 bp
Locus ID:	21337
UniProt ID:	P30549
Cytogenetics:	10 B4
Gene Summary:	This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance P.[UniProtKB/Swiss-Prot Function]