

Product datasheet for **MC205316**

Tacr1 (NM_009313) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tacr1 (NM_009313) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tacr1
Synonyms:	NK-; NK1; Nk1r; Spr; Tac; Tac1r
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC075631

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>BC075631
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 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_009313
Insert Size: 1224 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:	BC075631 , AAH75631
RefSeq Size:	5059 bp
RefSeq ORF:	1224 bp
Locus ID:	21336
UniProt ID:	P30548
Cytogenetics:	6 C3
Gene Summary:	This gene encodes the receptor for the tachykinin, substance P, also referred to as neurokinin 1. This gene belongs to a gene family of tachykinin receptors which are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This receptor has been associated with nitric oxide formation, and it has been localized to cholinergic and nitrergic neurons as well as on smooth muscle cells. [provided by RefSeq, Mar 2010]