

Product datasheet for **SC302964**

Neurokinin 3 Receptor NK3 (TACR3) (NM_001059) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neurokinin 3 Receptor NK3 (TACR3) (NM_001059) Human Untagged Clone
Tag:	Tag Free
Symbol:	TACR3
Synonyms:	HH11; NK-3R; NK3; NK3R; NKR; TAC3R; TAC3RL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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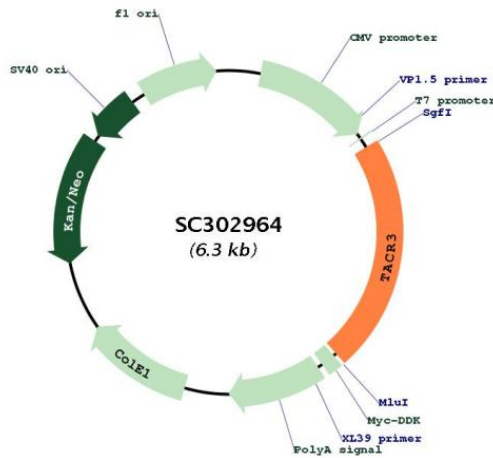
Fully Sequenced ORF: >SC302964 representing NM_001059.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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CAAGCTGGCAACCTCTCCTCCCTCCCTCCGCGCTGGGACTGCCTGTGGCTTCCCCCGCGCCTCCAG
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001059

Insert Size: 1398 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001059.2</u>
RefSeq Size:	1753 bp
RefSeq ORF:	1398 bp
Locus ID:	6870
UniProt ID:	<u>P29371</u>
Cytogenetics:	4q24
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction
MW:	52.2 kDa
Gene Summary:	This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. 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, Jul 2008]