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# Product datasheet for RC210395L3V

## Neurokinin 1 Receptor (TACR1) (NM_001058) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Neurokinin 1 Receptor (TACR1) (NM_001058) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Neurokinin 1 Receptor |
| **Synonyms:** | NK1R; NKIR; SPR; TAC1R |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001058 |
| **ORF Size:** | 1221 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC210395). |
| **OTI Disclaimer:** | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| **OTI Annotation:** | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| **RefSeq:** | NM_001058.2 |
| **RefSeq Size:** | 4795 bp |
| **RefSeq ORF:** | 1224 bp |
| **Locus ID:** | 6869 |
| **UniProt ID:** | P25103 |
| **Cytogenetics:** | 2p12 |
| **Domains:** | 7tm_1 |
| **Protein Families:** | Druggable Genome, GPCR, Transmembrane |

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**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction

**MW:** 46.3 kDa

**Gene Summary:** This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq, Sep 2008]