

## Product datasheet for **MR215833L4V**

### Tacr2 (NM\_009314) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tacr2 (NM_009314) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tacr2
Synonyms:	Nk2r; Skr; Tac2r
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009314
ORF Size:	1155 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215833).
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. <a href="#">More info</a>
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:	<a href="#">NM_009314.4</a> , <a href="#">NP_033340.3</a>
RefSeq Size:	2258 bp
RefSeq ORF:	1155 bp
Locus ID:	21337
UniProt ID:	<a href="#">P30549</a>
Cytogenetics:	10 B4



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**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]