

Product datasheet for **MR222957L3V**

Tac4 (NM_053093) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tac4 (NM_053093) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tac4
Synonyms:	AW489379; PPT-C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053093
ORF Size:	387 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222957).
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_053093.1
RefSeq Size:	1248 bp
RefSeq ORF:	387 bp
Locus ID:	93670
UniProt ID:	Q99N14
Cytogenetics:	11 D



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Gene Summary:

Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. Hemokinin induces plasma extravasation, mast cell degranulation, muscle contraction, salivary secretion and scratching behavior. Increases sperm motility. Induces potent analgesic effects and may play a role in pain modulation. Promotes survival of bone marrow B lineage cells and of cultured LPS-stimulated pre-B cells and may act as an autocrine factor required for B-cell survival and proliferation. Lowers systemic arterial pressure following intravenous injection. Induces interferon-gamma production and may play a role in the inflammatory response. Shows potent affinity and specificity for the NK-1 receptor.[UniProtKB/Swiss-Prot Function]