

Product datasheet for **MR218004L4V**

Slurp2 (NM_001081961) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slurp2 (NM_001081961) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slurp2
Synonyms:	2300005B03Rik; SLURP-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001081961
ORF Size:	294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218004).
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_001081961.1 , NP_001075430.1
RefSeq Size:	464 bp
RefSeq ORF:	294 bp
Locus ID:	69462
UniProt ID:	P0DP59
Cytogenetics:	15 D3



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Gene Summary:

Binds and may modulate the functional properties of nicotinic and muscarinic acetylcholine receptors. May regulate keratinocytes proliferation, differentiation and apoptosis. In vitro moderately inhibits ACh-evoked currents of alpha-3:beta-2-containing nAChRs, strongly these of alpha-4:beta-2-containing nAChRs, modulates alpha-7-containing nAChRs, and inhibits nicotine-induced signaling probably implicating alpha-3:beta-4-containing nAChRs. Proposed to act on alpha-3:beta-2 and alpha-7 nAChRs in an orthosteric, and on mAChRs, such as CHRM1 and CHRM3, in an allosteric manner.[UniProtKB/Swiss-Prot Function]