

Product datasheet for **MR206258L3V**

P2rx1 (NM_008771) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | P2rx1 (NM_008771) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | P2rx1 |
| Synonyms: | AI323649; BB122383; P2x; Pdcd3; RP-2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_008771 |
| ORF Size: | 1200 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR206258). |
| 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_008771.2 , NP_032797.2 |
| RefSeq Size: | 2441 bp |
| RefSeq ORF: | 1200 bp |
| Locus ID: | 18436 |
| UniProt ID: | P51576 |
| Cytogenetics: | 11 45.09 cM |



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Gene Summary:

Ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Seems to be linked to apoptosis, by increasing the intracellular concentration of calcium in the presence of ATP, leading to programmed cell death (By similarity).[UniProtKB/Swiss-Prot Function]