

Product datasheet for **MR222568L4V**

Pacsin2 (NM_001159510) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Pacsin2 (NM_001159510) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Pacsin2 |
| Synonyms: | A1197433 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001159510 |
| ORF Size: | 1458 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR222568). |
| 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_001159510.1 , NP_001152982.1 |
| RefSeq Size: | 3644 bp |
| RefSeq ORF: | 1461 bp |
| Locus ID: | 23970 |
| UniProt ID: | Q9WVE8 |
| Cytogenetics: | 15 E1 |



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Gene Summary:

Lipid-binding protein that is able to promote the tubulation of the phosphatidic acid-containing membranes it preferentially binds. Plays a role in intracellular vesicle-mediated transport. Involved in the endocytosis of cell-surface receptors like the EGF receptor, contributing to its internalization in the absence of EGF stimulus. May also play a role in the formation of caveolae at the cell membrane. Recruits DNM2 to caveolae, and thereby plays a role in caveola-mediated endocytosis.[UniProtKB/Swiss-Prot Function]