

Product datasheet for **MR225122L4V**

Canx (NM_001110500) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Canx (NM_001110500) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Canx |
| Synonyms: | 1110069N15Rik; AI988026; Cnx; D11ErtD153e |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001110500 |
| ORF Size: | 1773 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR225122). |
| 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_001110500.1 , NP_001103970.1 |
| RefSeq Size: | 4256 bp |
| RefSeq ORF: | 1776 bp |
| Locus ID: | 12330 |
| UniProt ID: | P35564 |
| Cytogenetics: | 11 30.46 cM |



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Gene Summary:

Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins. Associated with partial T-cell antigen receptor complexes that escape the ER of immature thymocytes, it may function as a signaling complex regulating thymocyte maturation. Additionally it may play a role in receptor-mediated endocytosis at the synapse.[UniProtKB/Swiss-Prot Function]