

## Product datasheet for **RC210860L4V**

### SAP102 (DLG3) (NM\_021120) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SAP102 (DLG3) (NM_021120) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAP102
Synonyms:	MRX; MRX90; NEDLG; PPP1R82; SAP102; XLMR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021120
ORF Size:	2451 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210860).
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. <a href="#">More info</a>
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:	<a href="#">NM_021120.1</a>
RefSeq Size:	6032 bp
RefSeq ORF:	2454 bp
Locus ID:	1741
UniProt ID:	<a href="#">Q92796</a>
Cytogenetics:	Xq13.1
Domains:	SH3, PDZ, Guanylate_kin, GuKc
MW:	90.3 kDa



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**Gene Summary:**

This gene encodes a member of the membrane-associated guanylate kinase protein family. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked cognitive disability. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]