

Product datasheet for **RC218155L4V**

HOMER2 (NM_199332) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HOMER2 (NM_199332) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HOMER2
Synonyms:	ACPD; CPD; HOMER-2; HOMER2A; HOMER2B; Vesl-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199332
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218155).
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_199332.2 , NP_955364.2
RefSeq Size:	1840 bp
RefSeq ORF:	899 bp
Locus ID:	9455
Cytogenetics:	15q25.2
Protein Families:	Druggable Genome
MW:	33.9 kDa



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Gene Summary:

This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. The encoded protein is a postsynaptic density scaffolding protein. Alternative splicing results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 14. [provided by RefSeq, Jun 2011]