

Product datasheet for **RC216371L4V**

GPRASP1 (NM_014710) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPRASP1 (NM_014710) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPRASP1
Synonyms:	GASP; GASP-1; GASP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014710
ORF Size:	4185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216371).
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_014710.1
RefSeq Size:	5190 bp
RefSeq ORF:	4188 bp
Locus ID:	9737
UniProt ID:	Q5JY77
Cytogenetics:	Xq22.1
Domains:	DUF634
Protein Families:	Druggable Genome



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MW: 156.7 kDa

Gene Summary: This gene encodes a member of the GPRASP (G protein-coupled receptor associated sorting protein) family. The protein may modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. It targets receptors for degradation in lysosomes. The receptors interacting with this sorting protein include D2 dopamine receptor (DRD2), delta opioid receptor (OPRD1), beta-2 adrenergic receptor (ADRB2), D4 dopamine receptor (DRD4) and cannabinoid 1 receptor (CB1R). Multiple alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, May 2010]