

Product datasheet for **RC210293L4V**

FNTA (NM_002027) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FNTA (NM_002027) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FNTA
Synonyms:	FPTA; PGGT1A; PTAR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002027
ORF Size:	1137 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210293).
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_002027.2
RefSeq Size:	1710 bp
RefSeq ORF:	1140 bp
Locus ID:	2339
UniProt ID:	P49354
Cytogenetics:	8p11.21
Domains:	PPTA
Protein Families:	Druggable Genome


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MW: 44.4 kDa

Gene Summary: Prenyltransferases can attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of proteins with a C-terminal CAAX box. CAAX geranylgeranyltransferase and CAAX farnesyltransferase are heterodimers that share the same alpha subunit but have different beta subunits. This gene encodes the alpha subunit of these transferases. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 11 and 13. [provided by RefSeq, May 2010]