

Product datasheet for **RC217958L4V**

G0 Protein alpha (GNAO1) (NM_020988) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	G0 Protein alpha (GNAO1) (NM_020988) Human Tagged ORF Clone Lentiviral Particle
Symbol:	G0 Protein alpha
Synonyms:	DEE17; EIEE17; G-ALPHA-o; GNAO; HLA-DQB1; NEDIM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020988
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217958).
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_020988.1 , NP_066268.1
RefSeq Size:	3332 bp
RefSeq ORF:	1065 bp
Locus ID:	2775
UniProt ID:	P09471
Cytogenetics:	16q13
Domains:	G-alpha
Protein Families:	Druggable Genome



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Protein Pathways: Long-term depression, Melanogenesis

MW: 40.1 kDa

Gene Summary: The protein encoded by this gene represents the alpha subunit of the G α heterotrimeric G-protein signal-transducing complex. Defects in this gene are a cause of early-onset epileptic encephalopathy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]