

Product datasheet for **RC213001L4V**

GFRAL (NM_207410) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GFRAL (NM_207410) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GFRAL
Synonyms:	bA360D14.1; C6orf144; GRAL; UNQ9356
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_207410
ORF Size:	1182 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213001).
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_207410.2 , NP_997293.2
RefSeq Size:	1911 bp
RefSeq ORF:	1185 bp
Locus ID:	389400
UniProt ID:	Q6UXV0
Cytogenetics:	6p12.1
Protein Families:	Druggable Genome, Transmembrane
MW:	45 kDa



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Gene Summary:

Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099). Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.[UniProtKB/Swiss-Prot Function]