Product datasheet for RC223007L4V

C1R (NM_001733) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C1R (NM_001733) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C1R
Synonyms:	EDSPD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001733
ORF Size:	2115 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223007).
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_001733.4
RefSeq Size:	2526 bp
RefSeq ORF:	2118 bp
Locus ID:	715
UniProt ID:	P00736
Cytogenetics:	12p13.31
Domains:	CCP, CUB, Tryp_SPc, EGF_CA, EGF
Protein Families:	Druggable Genome, Protease

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Protein Pathways:	Complement and coagulation cascades, Systemic lupus erythematosus
MW:	80 kDa
Gene Summary:	This gene encodes a member of the peptidase S1 protein family. The encoded protein is a proteolytic subunit in the complement system C1 complex. The complement system acts as a mediator in the innate immune response by ultimately triggering phagocytosis, inflammation, and rupturing the bacterial cell wall. Mutations in this gene are associated with Ehlers-Danlos Syndrome. [provided by RefSeq, Dec 2018]