

Product datasheet for **RC206128L4V**

Kir7.1 (KCNJ13) (NM_002242) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kir7.1 (KCNJ13) (NM_002242) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kir7.1
Synonyms:	KIR1.4; KIR7.1; LCA16; SVD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002242
ORF Size:	1080 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206128).
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_002242.2 , NP_002233.1
RefSeq Size:	3609 bp
RefSeq ORF:	1083 bp
Locus ID:	3769
UniProt ID:	O60928
Cytogenetics:	2q37.1
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	40.6 kDa



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Gene Summary:

This gene encodes a member of the inwardly rectifying potassium channel family of proteins. Members of this family form ion channel pores that allow potassium ions to pass into a cell. The encoded protein belongs to a subfamily of low signal channel conductance proteins that have a low dependence on potassium concentration. Mutations in this gene are associated with snowflake vitreoretinal degeneration. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]