

Product datasheet for **RC204727L4V**

CLIC2 (NM_001289) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLIC2 (NM_001289) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLIC2
Synonyms:	CLCNL2; CLIC2b; MRXS32; XAP121
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001289
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204727).
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_001289.4
RefSeq Size:	2694 bp
RefSeq ORF:	744 bp
Locus ID:	1193
UniProt ID:	O15247
Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Ion Channels: Other
MW:	28.4 kDa



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Gene Summary:

This gene encodes a chloride intracellular channel protein. Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]