

Product datasheet for **RC224062L4V**

anoctamin 5 (ANO5) (NM_213599) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	anoctamin 5 (ANO5) (NM_213599) Human Tagged ORF Clone Lentiviral Particle
Symbol:	anoctamin 5
Synonyms:	GDD1; LGMD2L; LGMDR12; TMEM16E
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_213599
ORF Size:	2739 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224062).
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_213599.1
RefSeq Size:	3147 bp
RefSeq ORF:	2742 bp
Locus ID:	203859
UniProt ID:	Q75V66
Cytogenetics:	11p14.3
Protein Families:	Transmembrane
MW:	107 kDa



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Gene Summary:

This gene encodes a member of the anoctamin family of transmembrane proteins. The encoded protein is likely a calcium activated chloride channel. Mutations in this gene have been associated with gnathodiaphyseal dysplasia. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2009]