

Product datasheet for **RC210607L4V**

FXYD6 (NM_022003) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FXYD6 (NM_022003) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FXYD6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022003
ORF Size:	285 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210607).
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_022003.1
RefSeq Size:	2056 bp
RefSeq ORF:	288 bp
Locus ID:	53826
UniProt ID:	Q9H0Q3
Cytogenetics:	11q23.3
Domains:	ATP1G1_PLM_MAT8
Protein Families:	Ion Channels: Other, Transmembrane
MW:	10.5 kDa



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Gene Summary:

This gene encodes a member of the FXVD family of transmembrane proteins. This particular protein encodes phosphohippolin, which likely affects the activity of Na,K-ATPase. Multiple alternatively spliced transcript variants encoding the same protein have been described. Related pseudogenes have been identified on chromosomes 10 and X. Read-through transcripts have been observed between this locus and the downstream sodium/potassium-transporting ATPase subunit gamma (FXVD2, GeneID 486) locus.[provided by RefSeq, Feb 2011]