

Product datasheet for **RC205076L4V**

FXYD2 (NM_001680) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FXYD2 (NM_001680) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FXYD2
Synonyms:	ATP1G1; HOMG2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001680
ORF Size:	198 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205076).
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_001680.3
RefSeq Size:	584 bp
RefSeq ORF:	201 bp
Locus ID:	486
UniProt ID:	P54710
Cytogenetics:	11q23.3
Domains:	ATP1G1_PLM_MAT8
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane



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MW: 7.3 kDa

Gene Summary: This gene encodes a member of the FXVD family of transmembrane proteins. This particular protein encodes the sodium/potassium-transporting ATPase subunit gamma. Mutations in this gene have been associated with Renal Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Read-through transcripts have been observed between this locus and the upstream FXVD domain-containing ion transport regulator 6 (FXVD6, GeneID 53826) locus.[provided by RefSeq, Feb 2011]