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Product datasheet for RC227211L3V

FXYD3 (NM_001136010) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FXYD3 (NM_001136010) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FXYD3
Synonyms:	MAT8; PLML
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001136010
ORF Size:	183 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC227211).`
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_001136010.1, NP_001129482.1
RefSeq ORF:	186 bp
Locus ID:	5349
UniProt ID:	Q14802
Cytogenetics:	19q13.12
Protein Families:	Ion Channels: Other, Transmembrane
MW:	6.72 kDa

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Gene Summary: This gene belongs to a small family of FXYD-domain containing regulators of Na+/K+ ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Oct 2008]