

## Product datasheet for **MR201722L4V**

### **Fxyd5 (BC031112) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Fxyd5 (BC031112) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fxyd5
Synonyms:	RIC, EF-8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC031112
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201722).
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. <a href="#">More info</a>
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:	<a href="#">BC031112.1</a>
RefSeq Size:	2995 bp
RefSeq ORF:	557 bp
Locus ID:	18301
Cytogenetics:	7 B1



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**Gene Summary:**

This gene encodes a precursor protein that is member of the FXYD family of transmembrane glycoproteins. Like most members of the FXYD family, the encoded protein is a subunit of the sodium-potassium adenosine triphosphatase pump. FXYD family members have tissue-specific expression and differentially regulate the activity of this pump. The protein encoded by this gene also plays a role in cell adhesion and motility. The orthologous human protein inhibits epithelial cadherin, a calcium-dependent adhesion protein and is associated with cancer (promotes metastasis). Alternative splicing of this mouse gene results in multiple transcript variants. [provided by RefSeq, Dec 2013]