

## Product datasheet for **RC212488L4V**

### Rabenosyn 5 (RBSN) (NM\_022340) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Rabenosyn 5 (RBSN) (NM_022340) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rabenosyn 5
Synonyms:	Rabenosyn-5; ZFYVE20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022340
ORF Size:	2354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212488).
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="#">NM_022340.2</a>
RefSeq Size:	6678 bp
RefSeq ORF:	2355 bp
Locus ID:	64145
UniProt ID:	<a href="#">Q9H1K0</a>
Cytogenetics:	3p25.1
Domains:	FYVE
Protein Families:	Transcription Factors



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**Protein Pathways:** Endocytosis

**MW:** 88.9 kDa

**Gene Summary:** This gene encodes a protein that belongs to the FYVE zinc finger family of proteins. The encoded protein interacts with Ras-related proteins that regulate membrane trafficking. A missense mutation in this gene is associated with a defect in the early endocytic pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]