

Product datasheet for **RC221701L3V**

Intersectin 1 (ITSN1) (NM_003024) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Intersectin 1 (ITSN1) (NM_003024) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Intersectin 1
Synonyms:	ITSN; SH3D1A; SH3P17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003024
ORF Size:	5163 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221701).
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_003024.2
RefSeq Size:	6439 bp
RefSeq ORF:	5166 bp
Locus ID:	6453
UniProt ID:	Q15811
Cytogenetics:	21q22.11
Domains:	C2, RhoGEF, EH, SH3, PH, EFh
MW:	195.9 kDa


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Gene Summary:

The protein encoded by this gene is a cytoplasmic membrane-associated protein that indirectly coordinates endocytic membrane traffic with the actin assembly machinery. In addition, the encoded protein may regulate the formation of clathrin-coated vesicles and could be involved in synaptic vesicle recycling. This protein has been shown to interact with dynamin, CDC42, SNAP23, SNAP25, SPIN90, EPS15, EPN1, EPN2, and STN2. Multiple transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been characterized so far. [provided by RefSeq, Jul 2008]