

## Product datasheet for **RC200644L2V**

### EXT1 (NM\_000127) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EXT1 (NM_000127) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXT1
Synonyms:	EXT; LGCR; LGS; TRPS2; TTV
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000127
ORF Size:	2238 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200644).
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_000127.2</a>
RefSeq Size:	3376 bp
RefSeq ORF:	2241 bp
Locus ID:	2131
UniProt ID:	<a href="#">Q16394</a>
Cytogenetics:	8q24.11
Domains:	Exostosin
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Heparan sulfate biosynthesis, Metabolic pathways

**MW:** 86.3 kDa

**Gene Summary:** This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq, Jul 2008]