

## Product datasheet for **RC221426L2V**

### EXT2 (NM\_000401) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EXT2 (NM_000401) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXT2
Synonyms:	SOTV; SSMS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000401
ORF Size:	2154 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221426).
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_000401.2</a>
RefSeq Size:	3469 bp
RefSeq ORF:	2256 bp
Locus ID:	2132
UniProt ID:	<a href="#">Q93063</a>
Cytogenetics:	11p11.2
Domains:	Exostosin
Protein Families:	Druggable Genome, Transmembrane



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

**MW:** 82.3 kDa

**Gene Summary:** This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]