

## Product datasheet for **RC209064L4V**

### EXTL1 (NM\_004455) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EXTL1 (NM_004455) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXTL1
Synonyms:	EXTL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004455
ORF Size:	2028 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209064).
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_004455.2</a>
RefSeq Size:	4021 bp
RefSeq ORF:	2031 bp
Locus ID:	2134
UniProt ID:	<a href="#">Q92935</a>
Cytogenetics:	1p36.11
Domains:	Exostosin
Protein Families:	Transmembrane



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

**MW:** 74.7 kDa

**Gene Summary:** This gene is a member of the multiple exostoses (EXT) family of glycosyltransferases, which function in the chain polymerization of heparan sulfate and heparin. The encoded protein harbors alpha 1,4- N-acetylglucosaminyltransferase activity, and is involved in chain elongation of heparan sulfate and possibly heparin. [provided by RefSeq, Jul 2008]