Product datasheet for RC202899L2V

EXTL3 (NM_001440) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EXTL3 (NM_001440) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXTL3
Synonyms:	BOTV; EXTL1L; EXTR1; ISDNA; REGR; RPR
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001440
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202899).
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_001440.2
RefSeq Size:	6351 bp
RefSeq ORF:	2760 bp
Locus ID:	2137
UniProt ID:	O43909
Cytogenetics:	8p21.1
Domains:	Exostosin
Protein Families:	Transmembrane

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Protein Pathways:	Heparan sulfate biosynthesis, Metabolic pathways
MW:	104.7 kDa
Gene Summary:	This gene encodes a single-pass membrane protein which functions as a glycosyltransferase. The encoded protein catalyzes the transfer of N-acetylglucosamine to glycosaminoglycan chains. This reaction is important in heparin and heparan sulfate synthesis. Alternative splicing results in the multiple transcript variants. [provided by RefSeq, Nov 2012]