

Product datasheet for **RC212207L4V**

EXTL2 (NM_001033025) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EXTL2 (NM_001033025) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXTL2
Synonyms:	EXTR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033025
ORF Size:	990 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212207).
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_001033025.1
RefSeq Size:	3181 bp
RefSeq ORF:	993 bp
Locus ID:	2135
UniProt ID:	Q9UBQ6
Cytogenetics:	1p21.2
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis



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MW: 37.5 kDa

Gene Summary: Glycosyltransferase required for the biosynthesis of heparan-sulfate and responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.[UniProtKB/Swiss-Prot Function]