

Product datasheet for **RC206288L4V**

Ceramide glucosyltransferase (UGCG) (NM_003358) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ceramide glucosyltransferase (UGCG) (NM_003358) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ceramide glucosyltransferase
Synonyms:	GCS; GLCT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003358
ORF Size:	1182 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206288).
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_003358.1
RefSeq Size:	1637 bp
RefSeq ORF:	1185 bp
Locus ID:	7357
UniProt ID:	Q16739
Cytogenetics:	9q31.3
Domains:	Glycos_transf_2



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Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, Sphingolipid metabolism
MW:	44.9 kDa
Gene Summary:	This gene encodes an enzyme that catalyzes the first glycosylation step in the biosynthesis of glycosphingolipids, which are membrane components containing lipid and sugar moieties. The product of this reaction is glucosylceramide, which is the core structure of many glycosphingolipids. [provided by RefSeq, Dec 2014]