

Product datasheet for **RC213002L3V**

alpha 1,2 Mannosidase IA (MAN1A1) (NM_005907) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	alpha 1,2 Mannosidase IA (MAN1A1) (NM_005907) Human Tagged ORF Clone Lentiviral Particle
Symbol:	alpha 1,2 Mannosidase IA
Synonyms:	HUMM3; HUMM9; MAN9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005907
ORF Size:	1959 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213002).
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_005907.2
RefSeq Size:	4139 bp
RefSeq ORF:	1962 bp
Locus ID:	4121
UniProt ID:	P33908
Cytogenetics:	6q22.31
Domains:	Glyco_hydro_47



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Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 72.8 kDa

Gene Summary: This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases. [provided by RefSeq, Jul 2012]