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Product datasheet for RC220186L3V

Mannosidase II (MAN2A1) (NM_002372) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mannosidase II (MAN2A1) (NM_002372) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mannosidase II
Synonyms:	AMan II; GOLIM7; MANA2; MANII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002372
ORF Size:	3432 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC220186).`
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_002372.2
RefSeq Size:	5128 bp
RefSeq ORF:	3435 bp
Locus ID:	4124
UniProt ID:	Q16706
Cytogenetics:	5q21.3
Domains:	Glyco_hydro_38
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 131 kDa

Gene Summary: This gene encodes a glycosyl hydrolase that localizes to the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus. [provided by RefSeq, Dec 2013]