

## Product datasheet for **RC220394L4V**

### MAN2A2 (NM\_006122) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MAN2A2 (NM_006122) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAN2A2
Synonyms:	MANA2X
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006122
ORF Size:	3450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220394).
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. <a href="#">More info</a>
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:	<a href="#">NM_006122.2</a>
RefSeq Size:	6279 bp
RefSeq ORF:	3453 bp
Locus ID:	4122
UniProt ID:	<a href="#">P49641</a>
Cytogenetics:	15q26.1
Domains:	Glyco_hydro_38
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis

**MW:** 130.5 kDa

**Gene Summary:** Catalyzes the first committed step in the biosynthesis of complex N-glycans. It controls conversion of high mannose to complex N-glycans; the final hydrolytic step in the N-glycan maturation pathway.[UniProtKB/Swiss-Prot Function]