

Product datasheet for **RC204862L4V**

MANBA (NM_005908) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MANBA (NM_005908) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MANBA
Synonyms:	MANB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005908
ORF Size:	2637 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204862).
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_005908.3
RefSeq Size:	3311 bp
RefSeq ORF:	2640 bp
Locus ID:	4126
UniProt ID:	O00462
Cytogenetics:	4q24
Domains:	Glyco_hydro_2_C
Protein Pathways:	Lysosome, Other glycan degradation



[View online »](#)

MW: 100.9 kDa

Gene Summary: This gene encodes a member of the glycosyl hydrolase 2 family. The encoded protein localizes to the lysosome where it is the final exoglycosidase in the pathway for N-linked glycoprotein oligosaccharide catabolism. Mutations in this gene are associated with beta-mannosidosis, a lysosomal storage disease that has a wide spectrum of neurological involvement. [provided by RefSeq, Jul 2008]