

## Product datasheet for **MR220677L4V**

### Renbp (NM\_023132) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Renbp (NM_023132) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Renbp
Synonyms:	Age; Rnbp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023132
ORF Size:	1290 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220677).
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_023132.3</a> , <a href="#">NP_075621.3</a>
RefSeq Size:	1434 bp
RefSeq ORF:	1293 bp
Locus ID:	19703
UniProt ID:	<a href="#">P82343</a>
Cytogenetics:	X 37.49 cM



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**Gene Summary:**

Catalyzes the interconversion of N-acetylglucosamine to N-acetylmannosamine. Binds to renin forming a protein complex called high molecular weight (HMW) renin and inhibits renin activity. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway.  
[UniProtKB/Swiss-Prot Function]