

Product datasheet for **MR200810L3V**

Lgals1 (NM_008495) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lgals1 (NM_008495) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lgals1
Synonyms:	AA410090; Gal-1; Galbp; galectin-1; L-14.5; L14; Lect14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008495
ORF Size:	408 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200810).
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_008495.2 , NP_032521.1
RefSeq Size:	817 bp
RefSeq ORF:	408 bp
Locus ID:	16852
UniProt ID:	P16045
Cytogenetics:	15 37.7 cM



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Gene Summary:

Lectin that binds beta-galactoside and a wide array of complex carbohydrates. Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.[UniProtKB/Swiss-Prot Function]