

Product datasheet for **MR209243L4V**

Gad1 (NM_008077) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gad1 (NM_008077) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gad1
Synonyms:	EP1; EP10; Gad-; Gad-1; GAD2; GAD4; GAD6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008077
ORF Size:	1782 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209243).
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_008077.3
RefSeq Size:	3231 bp
RefSeq ORF:	1782 bp
Locus ID:	14415
UniProt ID:	P48318
Cytogenetics:	2 41.63 cM



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Gene Summary:

The protein encoded by this gene is an enzyme that catalyzes the production of gamma-aminobutyric acid from L-glutamic acid. Alternative splicing of this gene results in two products, the predominant 67 kDa isoform and a smaller 25 kDa isoform. The smaller isoform is not thought to retain catalytic activity. [provided by RefSeq, Aug 2015]