

Product datasheet for **MR226932L4V**

Fcer1a (NM_010184) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fcer1a (NM_010184) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fcer1a
Synonyms:	Fce1a; fcepsilonri; FcERI; Fcr-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010184
ORF Size:	750 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226932).
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_010184.2
RefSeq Size:	1026 bp
RefSeq ORF:	753 bp
Locus ID:	14125
UniProt ID:	P20489
Cytogenetics:	1 80.33 cM



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Gene Summary:

Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.[UniProtKB/Swiss-Prot Function]