

Product datasheet for **MR207270L4V**

Fezf2 (NM_080433) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fezf2 (NM_080433) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fezf2
Synonyms:	AI451466; AI852056; Fez; Fezl; Zfp312
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080433
ORF Size:	1368 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207270).
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_080433.1
RefSeq Size:	2304 bp
RefSeq ORF:	1368 bp
Locus ID:	54713
UniProt ID:	Q9ESP5
Cytogenetics:	14 A1


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Gene Summary:

Transcription repressor. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons. Plays a role in rostro-caudal patterning of the diencephalon and in prethalamic formation.[UniProtKB/Swiss-Prot Function]