

Product datasheet for **MR203207L4V**

Folr2 (NM_008035) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Folr2 (NM_008035) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Folr2
Synonyms:	FBP; FBP2; Fol; Folb; Folbp-2; Folbp2; FR-; FR-beta; FR-P3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008035
ORF Size:	756 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203207).
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_008035.1 , NP_032061.1
RefSeq Size:	1097 bp
RefSeq ORF:	756 bp
Locus ID:	14276
UniProt ID:	Q05685
Cytogenetics:	7 E2



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Gene Summary:

This gene encodes a receptor protein located on the plasma membrane that mediates folate uptake by cells. Mice lacking the product of this gene show no defects in embryonic development and grow normally into fertile adults. However, such mice were found to be highly susceptible to the teratogenic effects of arsenic. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]