

Product datasheet for **MR200767L4V**

Fabp2 (NM_007980) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fabp2 (NM_007980) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fabp2
Synonyms:	Fa; Fabpi; I-F; I-FABP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007980
ORF Size:	399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200767).
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_007980.2
RefSeq Size:	977 bp
RefSeq ORF:	399 bp
Locus ID:	14079
UniProt ID:	P55050
Cytogenetics:	3 53.74 cM



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Gene Summary:

The protein encoded by this gene is part of the fatty acid binding protein family (FABP). FABPs are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands and participate in fatty acid uptake, transport, and metabolism. This protein functions within enterocytes, possibly to sense lipids as part of energy homeostasis. In humans polymorphisms are associated with increased fat oxidation and insulin resistance. In mice deficiency of this gene alters body weight in a gender-specific manner and causes hyperinsulinemia. [provided by RefSeq, Jan 2013]