

## Product datasheet for **MR204287L3V**

### Igfbp2 (NM\_008342) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

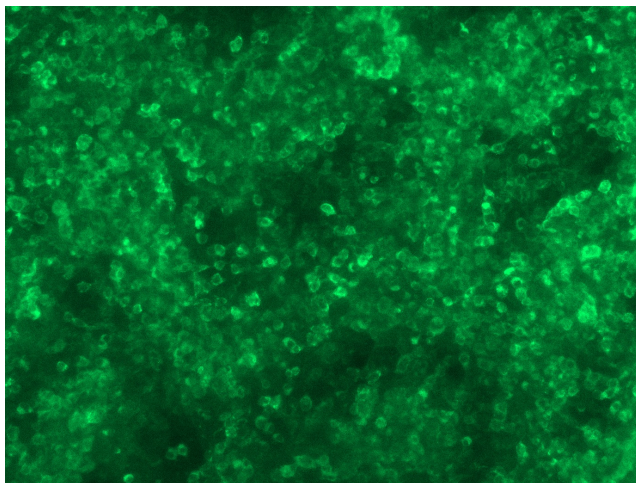
Product Type:	Lentiviral Particles
Product Name:	Igfbp2 (NM_008342) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Igfbp2
Synonyms:	AI255832; IBP-2; IGFBP; Igfbp-2; mIGFBP-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008342
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204287).
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. <a href="#">More info</a>
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:	<a href="#">NM_008342.3</a> , <a href="#">NP_032368.2</a>
RefSeq Size:	1342 bp
RefSeq ORF:	918 bp
Locus ID:	16008
UniProt ID:	<a href="#">P47877</a>
Cytogenetics:	1 36.94 cM



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**Gene Summary:**

The protein encoded by this gene is one of several similar proteins that bind insulin-like growth factors I and II (Igf-I and Igf-II). The encoded protein can be secreted into the bloodstream, where it binds Igf-I and Igf-II with high affinity, or it can remain intracellular, interacting with many different ligands. Two transcript variants, one encoding a secreted isoform and the other encoding a nonsecreted isoform, have been found for this gene. [provided by RefSeq, Sep 2015]

**Product images:**

[MR204287L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR204287L3V particle to overexpress human Igfbp2-Myc-DDK fusion protein.