

Product datasheet for **MR209083L4V**

Igf2bp3 (NM_023670) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Igf2bp3
Synonyms:	2610101N1IRik; AA522010; AL022933; AU045931; IMP-3; IMP3; Koc13; mimp3; Neilsen
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023670
ORF Size:	1737 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209083).

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_023670.2
RefSeq Size:	4366 bp
RefSeq ORF:	1740 bp
Locus ID:	140488
UniProt ID:	Q9CPN8
Cytogenetics:	6 23.82 cM



Gene Summary:

RNA-binding factor that may recruit target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Binds to the 3' UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation (By similarity). Binds to beta-actin/ACTB and MYC transcripts (By similarity). Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. [UniProtKB/Swiss-Prot Function]