Product datasheet for MR211913L3V

Zfp521 (NM_145492) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zfp521 (NM_145492) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zfp521
Synonyms:	B930086A16Rik; Evi3; Znf521
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_145492
ORF Size:	3933 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211913).
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_145492.4, NP_663467.1
RefSeq Size:	6152 bp
RefSeq ORF:	3936 bp
Locus ID:	225207
UniProt ID:	Q6KAS7
Cytogenetics:	18 7.68 cM

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Gene Summary: Transcription factor that can both act as an activator or a repressor depending on the context. Involved in BMP signaling and in the regulation of the immature compartment of the hematopoietic system. Associates with SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved specification of B-cell lineage; this interaction preventing EBF1 to bind DNA and activate target genes.[UniProtKB/Swiss-Prot Function]