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Product datasheet for MR204625L3V

Zfp488 (NM_001013777) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zfp488 (NM_001013777) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zfp488
Synonyms:	Gm1206; Znf488
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001013777
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204625).
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_001013777.2, NP_001013799.2
RefSeq Size:	4318 bp
RefSeq ORF:	1014 bp
Locus ID:	382867
UniProt ID:	Q5HZG9
Cytogenetics:	14 B

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Gene Summary: Transcriptional repressor (PubMed:16908628). Plays a role in oligodendrocyte differentiation, together with OLIG2 (PubMed:16908628, PubMed:22355521). Mediates Notch signaling-activated formation of oligodendrocyte precursors (PubMed:16908628). Promotes differentiation of adult neural stem progenitor cells (NSPCs) into mature oligodendrocytes and contributes to remyelination following nerve injury (PubMed:22355521). [UniProtKB/Swiss-Prot Function]