

## Product datasheet for **MR208788L4V**

### **Mbd4 (NM\_010774) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Mbd4 (NM_010774) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mbd4
Synonyms:	Med1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010774
ORF Size:	1665 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208788).
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_010774.1</a> , <a href="#">NP_034904.1</a>
RefSeq Size:	3584 bp
RefSeq ORF:	1665 bp
Locus ID:	17193
UniProt ID:	<a href="#">Q9Z2D7</a>
Cytogenetics:	6 53.72 cM



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**Gene Summary:**

Mismatch-specific DNA N-glycosylase involved in DNA repair. Has thymine glycosylase activity and is specific for G:T mismatches within methylated and unmethylated CpG sites. Can also remove uracil or 5-fluorouracil in G:U mismatches. Has no lyase activity. Was first identified as methyl-CpG-binding protein.[UniProtKB/Swiss-Prot Function]