

Product datasheet for **MR226508L3V**

Usp46 (NM_177561) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Usp46 (NM_177561) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Usp46
Synonyms:	1190009E20Rik; 2410018I08Rik; AI451644
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_177561
ORF Size:	1098 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226508).
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_177561.3 , NP_808229.1
RefSeq Size:	3225 bp
RefSeq ORF:	1101 bp
Locus ID:	69727
UniProt ID:	P62069
Cytogenetics:	5 C3.3



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Gene Summary:

Deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. May act by mediating the deubiquitination of GAD1/GAD67 (PubMed:19465912). Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity. Not involved in deubiquitination of monoubiquitinated FANCD2 (By similarity). [UniProtKB/Swiss-Prot Function]