

Product datasheet for **MR222506L4V**

Ubp1 (NM_001083319) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ubp1 (NM_001083319) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ubp1
Synonyms:	Cp2b; LBP-1a; LBP-1b; NF2d9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001083319
ORF Size:	1620 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222506).
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_001083319.1
RefSeq Size:	3857 bp
RefSeq ORF:	1623 bp
Locus ID:	22221
UniProt ID:	Q811S7
Cytogenetics:	9 F3



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Gene Summary:

Functions as a transcriptional activator in a promoter context-dependent manner. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2. Functions as a trans-acting factor that regulates the domestic strain CYP2D9 gene through specific association with the regulatory element SDI-A1. Binding to SDI-A1 depends on the type of nucleotide at position 299; binding is abolished by a nucleotide substitution at this position. Modulates the placental expression of CYP11A1 (By similarity).[UniProtKB/Swiss-Prot Function]