

Product datasheet for **MR202576L4V**

Uchl1 (NM_011670) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Uchl1 (NM_011670) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Uchl1
Synonyms:	AW822034; C88048; gad; PGP 9.5; PGP9.5; R75593; UCH-L1; UCHL-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011670
ORF Size:	669 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202576).
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_011670.2 , NP_035800.2
RefSeq Size:	1156 bp
RefSeq ORF:	672 bp
Locus ID:	22223
UniProt ID:	Q9R0P9
Cytogenetics:	5 35.95 cM



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Gene Summary:

Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin (PubMed:12913066). Also binds to free monoubiquitin and may prevent its degradation in lysosomes (PubMed:12913066). The homodimer may have ATP-independent ubiquitin ligase activity (By similarity).[UniProtKB/Swiss-Prot Function]