

Product datasheet for **RR202621L3V**

Abhd10 (NM_001123352) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abhd10 (NM_001123352) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Abhd10
Synonyms:	RGD1308084
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001123352
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202621).
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_001123352.1 , NP_001116824.1
RefSeq Size:	1251 bp
RefSeq ORF:	894 bp
Locus ID:	303953
UniProt ID:	Q5I0K5
Cytogenetics:	11q21



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Gene Summary:

Acts as an acyl-protein thioesterase that hydrolyzes fatty acids from acylated residues in proteins. Regulates the mitochondrial S-depalmitoylation of the nucleophilic active site residue of peroxiredoxin-5/PRDX5, a key antioxidant protein, therefore modulating mitochondrial antioxidant ability. Also catalyzes the deglucuronidation of mycophenolic acid acyl-glucuronide, an active metabolite of the immunosuppressant drug mycophenolate. [UniProtKB/Swiss-Prot Function]