Product datasheet for MR221146L3V

Rnf166 (NM_001033142) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rnf166 (NM_001033142) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rnf166
Synonyms:	1110031E24Rik; AW555115; Zfp313l
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001033142
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221146).
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_001033142.2
RefSeq Size:	1783 bp
RefSeq ORF:	714 bp
Locus ID:	68718
UniProt ID:	Q3U9F6
Cytogenetics:	8 E1

View online »

Gene Summary: E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates. In turn, participates in different biological processes including interferon production or autophagy. Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6. Plays also a role in the early recruitment of autophagy adapters to bacteria. Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication. [UniProtKB/Swiss-Prot Function]