

Product datasheet for **RC229603L3V**

RNF166 (NM_001171815) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNF166 (NM_001171815) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF166
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001171815
ORF Size:	468 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229603).
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_001171815.1
RefSeq ORF:	471 bp
Locus ID:	115992
UniProt ID:	Q96A37
Cytogenetics:	16q24.2-q24.3
Protein Families:	Druggable Genome
MW:	17.6 kDa


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Gene Summary:

E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates (PubMed:27880896). In turn, participates in different biological processes including interferon production or autophagy (PubMed:26456228, PubMed:27880896). Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6 (PubMed:26456228). Plays also a role in the early recruitment of autophagy adapters to bacteria (PubMed:27880896). Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication (PubMed:27880896).[UniProtKB/Swiss-Prot Function]