

Product datasheet for **MR202649L4V**

Rnf186 (NM_025786) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rnf186 (NM_025786) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rnf186
Synonyms:	9130020G10Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025786
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202649).
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_025786.2 , NP_080062.3
RefSeq Size:	1273 bp
RefSeq ORF:	843 bp
Locus ID:	66825
UniProt ID:	Q9D241
Cytogenetics:	4 D3


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Gene Summary:

E3 ubiquitin protein ligase that is part of an apoptotic signaling pathway activated by endoplasmic reticulum stress. In that process, stimulates the expression of proteins specific of the unfolded protein response (UPR), ubiquitinates BNIP1 and regulates its localization to the mitochondrion and induces calcium release from the endoplasmic reticulum that ultimately leads to cell apoptosis.[UniProtKB/Swiss-Prot Function]