

Product datasheet for **RC207879L4V**

FRMD8 (NM_031904) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FRMD8 (NM_031904) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FRMD8
Synonyms:	FKSG44; iTAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031904
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207879).
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_031904.2 , NP_114110.1
RefSeq Size:	3774 bp
RefSeq ORF:	1395 bp
Locus ID:	83786
UniProt ID:	Q9BZ67
Cytogenetics:	11q13.1
Domains:	B41
MW:	51.2 kDa



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Gene Summary:

Promotes the cell surface stability of iRhom1/RHBDF1 and iRhom2/RHBDF2 and prevents their degradation via the endolysosomal pathway. By acting on iRhoms, involved in ADAM17-mediated shedding of TNF, amphiregulin/AREG, HBEGF and TGFA from the cell surface (PubMed:29897333, PubMed:29897336). Negatively regulates Wnt signaling, possibly by antagonizing the recruitment of AXIN1 to LRP6 (PubMed:19572019).[UniProtKB/Swiss-Prot Function]