

Product datasheet for **RC208565L4V**

FAM83A (NM_032899) Human Tagged ORF Clone Lentiviral Particle

Product data:

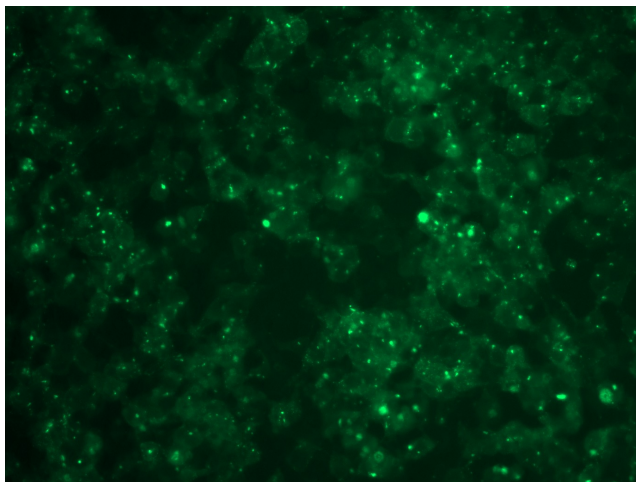
Product Type:	Lentiviral Particles
Product Name:	FAM83A (NM_032899) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM83A
Synonyms:	BJ-TSA-9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032899
ORF Size:	1302 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208565).
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_032899.4 , NP_116288.2
RefSeq Size:	4596 bp
RefSeq ORF:	1305 bp
Locus ID:	84985
UniProt ID:	Q86UY5
Cytogenetics:	8q24.13
MW:	47.5 kDa



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Gene Summary:

Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both RAS/MAPK and PI3K/AKT/TOR signaling cascades downstream of EGFR. Required for the RAS/MAPK signaling cascade activation upon EGFR stimulation, it also activates both signaling cascades independently of EGFR activation. [UniProtKB/Swiss-Prot Function]

Product images:

[RC208565L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC208565L4V particle to overexpress human FAM83A-mGFP fusion protein.