

Product datasheet for **RC212933L4V**

MCF2 (NM_001099855) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MCF2 (NM_001099855) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MCF2
Synonyms:	ARHGEF21; DBL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099855
ORF Size:	2955 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212933).
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_001099855.1 , NP_001093325.1
RefSeq Size:	3819 bp
RefSeq ORF:	2958 bp
Locus ID:	4168
UniProt ID:	P10911
Cytogenetics:	Xq27.1
Protein Families:	Druggable Genome
MW:	114.2 kDa



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Gene Summary:

The oncogenic protein encoded by this gene is a guanine nucleotide exchange factor (GEF) that exerts control over some members of the Rho family of small GTPases. Several transcript variants encoding different isoforms have been found for this gene. These isoforms exhibit different expression patterns and varying levels of GEF activity.[provided by RefSeq, Jan 2010]