

Product datasheet for **RC208450L2V**

MICAL2 (NM_014632) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MICAL2 (NM_014632) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MICAL2
Synonyms:	Ebtein1; MICAL-2; MICAL2PV1; MICAL2PV2; MICALCL
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014632
ORF Size:	3372 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208450).
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_014632.2 , NP_055447.1
RefSeq Size:	3958 bp
RefSeq ORF:	3375 bp
Locus ID:	9645
UniProt ID:	O94851
Cytogenetics:	11p15.3
Domains:	CH, LIM
MW:	126.7 kDa


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Gene Summary:

The protein encoded by this gene is a monooxygenase that enhances depolymerization of F-actin and is therefore involved in cytoskeletal dynamics. The encoded protein is a regulator of the SRF signaling pathway. Increased expression of this gene has been associated with cancer progression and metastasis. [provided by RefSeq, Oct 2016]