

Product datasheet for **RC200259L4V**

EB2 (MAPRE2) (NM_014268) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EB2 (MAPRE2) (NM_014268) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EB2
Synonyms:	CSCSC2; EB1; EB2; RP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014268
ORF Size:	981 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200259).
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_014268.1
RefSeq Size:	4279 bp
RefSeq ORF:	984 bp
Locus ID:	10982
UniProt ID:	Q15555
Cytogenetics:	18q12.1-q12.2
Domains:	CH, EB1
Protein Families:	Druggable Genome



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MW: 37 kDa

Gene Summary: The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]