Product datasheet for RC223085L3V

EHM2 (EPB41L4B) (NM_018424) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EHM2 (EPB41L4B) (NM_018424) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EHM2
Synonyms:	CG1; EHM2; LULU2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018424
ORF Size:	1554 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223085).
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_018424.2, NP_060894.2
RefSeq Size:	3783 bp
RefSeq ORF:	1557 bp
Locus ID:	54566
UniProt ID:	Q9H329
Cytogenetics:	9q31.3
MW:	58.4 kDa

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Gene Summary:

Up-regulates the activity of the Rho guanine nucleotide exchange factor ARHGEF18 (By similarity). Involved in the regulation of the circumferential actomyosin belt in epithelial cells (PubMed:22006950). Promotes cellular adhesion, migration and motility in vitro and may play a role in wound healing (PubMed:23664528). May have a role in mediating cytoskeletal changes associated with steroid-induced cell differentiation (PubMed:14521927). [UniProtKB/Swiss-Prot Function]