

Product datasheet for RC205335L1V

OriGene Technologies, Inc.

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Epac2 (RAPGEF4) (NM_007023) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Epac2 (RAPGEF4) (NM_007023) Human Tagged ORF Clone Lentiviral Particle

Symbol: Epac2

Synonyms: CAMP-GEFII; CGEF2; EPAC; EPAC 2; EPAC2; Nbla00496

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK
ACCN: NM 007023

ORF Size: 3033 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC205335).

Sequence:

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.

RefSeg: NM 007023.1

 RefSeq Size:
 4361 bp

 RefSeq ORF:
 3036 bp

 Locus ID:
 11069

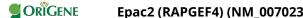
 UniProt ID:
 Q8WZA2

Cytogenetics: 2q31.1

Domains: DEP, cNMP, RasGEFN, RasGEF

Protein Pathways: Leukocyte transendothelial migration





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MW: 115.5 kDa

Gene Summary: Guanine nucleotide exchange factor (GEF) for RAP1A, RAP1B and RAP2A small GTPases that is

activated by binding cAMP. Seems not to activate RAB3A. Involved in cAMP-dependent, PKA-independent exocytosis through interaction with RIMS2 (By similarity).[UniProtKB/Swiss-Prot

Function]