

Product datasheet for RC217088L3V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Epac2 (RAPGEF4) (NM_001100397) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Epac2 (RAPGEF4) (NM_001100397) Human Tagged ORF Clone Lentiviral Particle

Symbol: RAPGEF4

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

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_001100397

ORF Size: 2601 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC217088).

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.

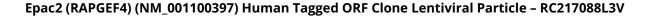
RefSeq: NM 001100397.1, NP 001093867.1

RefSeq Size: 4120 bp
RefSeq ORF: 2604 bp
Locus ID: 11069
UniProt ID: Q8WZA2
Cytogenetics: 2q31.1

Protein Pathways: Leukocyte transendothelial migration

MW: 99.3 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]