



Human RABGEF1 peptide (DAG-P1866)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	RABGEF1 forms a complex with rabaptin-5 (RABPT5; MIM 603616) that is required for endocytic membrane fusion, and it serves as a specific guanine nucleotide exchange factor (GEF) for RAB5 (RAB5A; MIM 179512) (Horiuchi et al., 1997 [PubMed 9323142]).[supplied by OMIM, Mar 2010]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 A20-type zinc finger.Contains 1 VPS9 domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RABGEF1 RAB guanine nucleotide exchange factor (GEF) 1 [Homo sapiens (human)]
Official Symbol	RABGEF1
Synonyms	RABGEF1; RAB guanine nucleotide exchange factor (GEF) 1; RAP1; RABEX5; rabex-5; rab5 GDP/GTP exchange factor; rabaptin-5-associated exchange factor for Rab5;
Entrez Gene ID	27342
mRNA Refseq	NM_001287060.1
Protein Refseq	NP_001273989.1

UniProt ID	B3KMF1
Chromosome Location	7q11.21
Function	DNA binding; Rab guanyl-nucleotide exchange factor activity; protein binding; zinc ion binding;