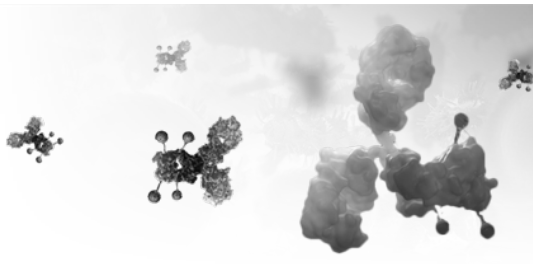

Human ARFGAP3 peptide (DAG-P1385)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a GTPase-activating protein (GAP) that associates with the Golgi apparatus and regulates the early secretory pathway of proteins. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1 (ARF1)-bound GTP, which is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is a prerequisite for the fusion of these vesicles with target compartments. The activity of this protein is sensitive to phospholipids. Multiple transcript variants encoding different isoforms have been found for this gene. This gene was originally known as ARFGAP1, but that is now the name of a related but different gene. [provided by RefSeq, Nov 2008]
Specificity	Widely expressed. Highest expression in endocrine glands (pancreas, pituitary gland, salivary gland, and prostate) and testis with a much higher expression in the testis than in the ovary.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 Arf-GAP 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.

GENE INFORMATION

Gene Name	ARFGAP3 ADP-ribosylation factor GTPase activating protein 3 [Homo sapiens (human)]
Official Symbol	ARFGAP3
Synonyms	ARFGAP3; ADP-ribosylation factor GTPase activating protein 3; ARFGAP1; ADP-ribosylation factor GTPase-activating protein 3; ARF GAP 3; ADP-ribosylation factor GTPase activating

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	protein 1;
Entrez Gene ID	26286
mRNA Refseq	NM_001142293.1
Protein Refseq	NP_001135765.1
UniProt ID	Q9NP61
Chromosome Location	22q13.2
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	ARF GTPase activator activity; protein transporter activity; zinc ion binding;

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