



Human ARL1 peptide (DAG-P1389)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. [provided by RefSeq, Jul 2008]
Specificity	Detected in heart, liver, lung and liver (at protein level). Detected in fetal heart, lung, liver and kidney. Detected in adult heart, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the small GTPase superfamily. Arf family.
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	ARL1 ADP-ribosylation factor-like 1 [Homo sapiens (human)]
Official Symbol	ARL1
Synonyms	ARL1; ADP-ribosylation factor-like 1; ARFL1; ADP-ribosylation factor-like protein 1;

Entrez Gene ID	400
mRNA Refseq	NM_001177.4
Protein Refseq	NP_001168.1
UniProt ID	P40616
Chromosome Location	12q23.2
Function	GTP binding; GTPase activity; enzyme activator activity; metal ion binding; protein domain specific binding;