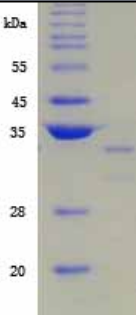


Recombinant Human ARF1 Protein Data Sheet

Catalog #	hRP-A0306-EF012
Size	100 µg
Protein Name	ADP-ribosylation factor 1
Protein Symbol	ARF1
Original Source	<i>Homo sapiens</i>
Expression System	<i>E.coli</i>
GenBank Accession #	NM_001658.2
Uniprot Accession #	P84077
Description	ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
Application	WB, ELISA, IP, antibody production, protein array
Fusion tag	N-His
Peptide Length	196aa(including fusion tag)
Molecular Weight	22.6kDa(including fusion tag)
pI	7.3
Activity	NA
Storage	Storage buffer: 20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH9.0. Store at -80°C and avoid repeated freeze-thaw cycles.
	
Reference:	• Multiple activities for Arf1 at the Golgi complex. • Structure and membrane interaction of myristoylated ARF1 • Crystallization and preliminary X-ray diffraction studies on ADP-ribosylation factor 1.

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