

Recombinant Human ARF, His-tagged

Cat. No. ARF6-9803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARFHis-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	37-152a.a.
Description	This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	ARF6 ADP-ribosylation factor 6 [Homo sapiens]
Official Symbol	ARF6
Synonyms	ARF6; ADP-ribosylation factor 6; DKFZp564M0264;
Gene ID	382
mRNA Refseq	NM_001663
Protein Refseq	NP_001654
MIM	600464
UniProt ID	P62330
Chromosome Location	14q21.3
Pathway	Arf6 downstream pathway, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Class I PI3K signaling events, organism-specific biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; protein binding; thioesterase binding;

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