

Recombinant Full Length Human ARF6 Protein, C-Flag-tagged

Cat. No. ARF6-2128HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ARF6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19.9 kDa
AA Sequence	MGKVLISKIFGNKEMRILMLGLDAAGKTTILYKCLKLGQSVTTIPTVGFNVETVITYKNVKF NVWDVGGQDKI RPLWRHYTGTQGLIFVDCADRDRIDEARQELHRIINDREMRDA IILIFANKQDLDPDAMPHEIQEKLGL LTRIRDRNWWYVQPSCATSGDGLYEGLTWLTSN YKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Endocytosis, Fc gamma R-mediated phagocytosis
Full Length	Full L.

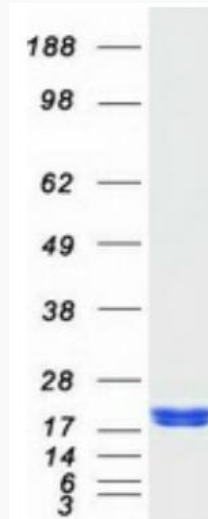
GENE INFORMATION

Gene Name	ARF6 ADP ribosylation factor 6 [Homo sapiens (human)]
Official Symbol	ARF6
Synonyms	DKFZp564M0264
Gene ID	382
mRNA Refseq	NM_001663.4
Protein Refseq	NP_001654.1
MIM	600464
UniProt ID	P62330

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Coomassie blue staining of purified ARF6 protein.

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