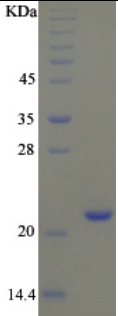


Recombinant Human ARF6 Protein Data Sheet

Catalog #	hRP-A0395-EF012
Size	100 µg
Protein Name	Homo sapiens ADP-ribosylation factor 6
Protein Symbol	ARF6
Original Source	<i>Homo sapiens</i>
Expression System	<i>E.coli</i>
GenBank Accession #	NM_001663.2
Uniprot Accession #	P62330
Description	GTP-binding protein involved in protein trafficking; regulates endocytic recycling and cytoskeleton remodeling. May modulate vesicle budding and uncoating within the Golgi apparatus. Functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in the regulation of dendritic spine development (By similarity). Contributes to the regulation of dendritic branching and filopodia extension
Application	WB, ELISA, IP, antibody production, protein array
Fusion tag	N-His
Peptide Length	190aa(including fusion tag)
Molecular Weight	22kDa(including fusion tag)
pI	9.3
Activity	NA
Storage	Storage buffer: 20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0. Store at -80°C and avoid repeated freeze-thaw cycles.
	
Reference:	• ARF6-mediated endocytic recycling impacts cell movement, cell division and lipid homeostasis • Internalization of exogenous ADP-ribosylation factor 6 (Arf6) proteins into cells • Requirement for Arf6 in cell adhesion, migration, and cancer cell invasion • The structural GDP/GTP cycle of human Arf6 • Inhibition of cell migration by PITENINs: the role of ARF6

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