

Recombinant Human ADP-ribosylation factor 6(ARF6)

Catalog No: #AP70015



Package Size: #AP70015-1 20ug #AP70015-2 100ug #AP70015-3 1mg

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Description

Product Name	Recombinant Human ADP-ribosylation factor 6(ARF6)
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 85% as determined by SDS-PAGE.
Conjugates	full length protein
Other Names	ADP ribosylation factor 6 ; ADP ribosylation factor protein 6; ADP-ribosylation factor 6; ARF6; ARF6_HUMAN; DKFZp564M0264; Small GTP binding protein ; Small GTPase
Accession No.	Swiss-Prot#:P62330
Tag Info	N-terminal His-tagged
Target Sequence	GKVLISKIFG NKEMRILMLG LDAAGKTTIL YKLKLGQSVT TIPTVGFNVE TVTYKNVKFN VWDVGGQDKI RPLWRHYTYG TQGLIFVDC ADRDRIDEAR QELHRIINDR EMRDAILIF ANKQDLPDAM KPHEIQEKLK LTRIRDRNWY VQPSCATSGD GLYEGLTWLT SNYKS
Formulation	Tris-based buffer 50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C, -80°C. The shelf life of lyophilized form is 13 months -20°C, -80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

GTP-binding protein involved in protein trafficking that regulates endocytic recycling and cytoskeleton remodeling. Required for normal completion of mitotic cytokinesis. Plays a role in the reorganization of the actin cytoskeleton and the formation of stress fibers. May also modulate vesicle budding and uncoating within the Golgi apparatus. Involved in the regulation of dendritic spine development, contributing to the regulation of dendritic branching and filopodia extension. Involved in epithelial polarization (By similarity). Functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.