

**ADP - Ribosylation Factor 6, ARF6 (2 - 13)**  
**Synthetic Peptide**  
**Catalog # SP2243b****Specification**

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**ADP - Ribosylation Factor 6, ARF6 (2 - 13) - Product Information**Primary Accession  
Other Accession  
Sequence[P26990](#)  
[Q007T5](#), [P62331](#), [P62332](#), [P62330](#)  
NH2-GKVLSKIFGNKE-COOH**ADP - Ribosylation Factor 6, ARF6 (2 - 13) - Additional Information****Gene ID** 428927**Other Names**

ADP-ribosylation factor 6, ARF6, CPS1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ADP - Ribosylation Factor 6, ARF6 (2 - 13) - Protein Information****Name** ARF6**Synonyms** CPS1 {ECO:0000303|PubMed:3083400}**Function**

GTP-binding protein involved in protein trafficking; regulates endocytic recycling and cytoskeleton remodeling. May modulate vesicle budding and uncoating within the Golgi apparatus. May contribute to the regulation of dendritic branching, filopodia extension and dendritic spine development (By similarity).

**Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:P62330}. Cell membrane {ECO:0000250|UniProtKB:P62331}; Lipid-anchor {ECO:0000250|UniProtKB:P62330}. Endosome membrane {ECO:0000250|UniProtKB:P62331}; Lipid-anchor {ECO:0000250|UniProtKB:P62330}. Recycling endosome membrane {ECO:0000250|UniProtKB:P62331}; Lipid-anchor {ECO:0000250|UniProtKB:P62331}. Cell projection, filopodium membrane {ECO:0000250|UniProtKB:P62331}; Lipid-anchor {ECO:0000250|UniProtKB:P62331}. Cell projection, ruffle {ECO:0000250|UniProtKB:P62330}. Cleavage furrow {ECO:0000250|UniProtKB:P62330}. Midbody, Midbody ring {ECO:0000250|UniProtKB:P62331}.

Note=Distributed uniformly on the plasma membrane, as well as throughout the cytoplasm during metaphase Subsequently concentrated at patches in the equatorial region at the onset of cytokinesis, and becomes distributed in the equatorial region concurrent with cleavage furrow ingression. In late stages of cytokinesis, concentrates at the midbody ring/Flemming body. After abscission of the intercellular bridge, incorporated into one of the daughter cells as a midbody remnant and localizes to punctate structures beneath the plasma membrane (By similarity). Recruited to the cell membrane in association with CYTH2 and ARL4C. Colocalizes with DAB2IP at the plasma membrane and endocytic vesicles. Myristoylation is required for proper localization to membranes (By similarity) {ECO:0000250|UniProtKB:P62330, ECO:0000250|UniProtKB:P62331}

#### **ADP - Ribosylation Factor 6, ARF6 (2 - 13) - Images**