

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ARF4 (E106) Peptide

Cat No.: BS3065P

Background

The ADP-ribosylation factor (ARF) protein family are structurally and functionally conserved members of the Ras superfamily of regulatory GTP-binding proteins. ARFs influence vesicle trafficking and signal transduction in eukaryotic cells. ARF-dependent regulatory mechanisms include the coordination of spectrin interactions with Golgi membranes and the association of actin to the Golgi via rho family-dependent G-protein localization (Rac, CDC42) and WASP/Arp2/3 complexes. Additionally, ARFs play a central role in maintenance of organelle integrity, assembly of coat proteins, and activation of phospholipase D. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6); members of each class share a common gene organization. The human ARF1 gene maps to chromosome 1q42, contains 5 exons and 4 introns, and encodes a 181 amino acid protein.

Swiss-Prot

P18085

Applications

Blocking

Specificity

This peptide can be used with studies using BS3065 ARF4 (E106) pAb.

Purification & Purity

Synthetic peptide ARF4 (E106). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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