

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ARHGEF1 Peptide

Cat No.: BS5901P

Background

The Ras superfamily of GTPases, which can be subdivided into the Ras, Rho/Rac, Sar, Rab, ARF and Ran subfamilies, controls multiple aspects of cell function, including cytoskeletal rearrangement, nuclear signaling and cell growth. The Ras superfamily of GTPases function as regulated switches that toggle between a biologically active GTP-bound and an inactive GDP-bound form. This activation is catalyzed by guanine nucleotide exchange factors (GEFs). The Dbl-related proteins are a large family of structurally related molecules that have a common ability to catalyze GEF activity for specific members of the Ras family. Dbl-related proteins include FGD1, Lsc, RhoGEF p115, Lfc, Lbc and Brx. Lsc, Lbc and Lfc share sequence homology and show exchange activity toward Rho family GTPases. RhoGEF p115 catalyzes GEF activity for Rho but not Rac, Cdc42 or Ras GTPases.

Swiss-Prot

Q92888

Applications

Blocking

Specificity

This peptide can be used with studies using BS5901 ARHGEF1 pAb.

Purification & Purity

Synthetic peptide ARHGEF1. (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.