

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Ras-GRF1 (F912) Peptide

Cat No.: BS1788P

Background

A critical step in signal transduction responses to stimulation of cell surface receptors by their ligands involves the accumulation of Ras proteins in their active GTP-bound state. To reach their active GTP-bound state, Ras proteins must first release bound GDP, a rate limiting step mediated by a guanine nucleotide releasing factor (GRF). The mammalian Ras p21 GRF protein has been designated Ras-GRF1 p140. Ras-GRF1 accelerates release of GDP from H- and N-Ras p21 protein in vitro, but not from the related Ral A or Cdc42Hs GTP-binding proteins. Ras-GRF2 p135 is highly homologous to Ras-GRF1 p140 except in the region between the REM and CDC25 domains and appears to function similarly to Ras-GRF1 p140.

Swiss-Prot

Q13972

Applications

Blocking

Specificity

This peptide can be used with studies using BS1788 Ras-GRF1 (F912) pAb.

Purification & Purity

Synthetic peptide Ras-GRF1 (F912). (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.