

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



RAPGEF5 Peptide

Cat No.: BS5890P

Background

Members of the RAS subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as Repac, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation. Repac, also known as Rap guanine nucleotide exchange factor 5 (RAPGEF5), is a 580 amino acid protein that is expressed in brain and testis, with weaker expression in heart, placenta, lung, pancreas and small intestine. Existing as two alternatively spliced isoforms, the Repac gene is conserved in cow, mouse and rat. The gene that encodes Repac maps to human chromosome 7p15.3, with high expression of this region linking to positive response to erlotinib therapy for those with non-small-cell lung cancer.

Swiss-Prot

Q92565

Applications

Blocking

Specificity

This peptide can be used with studies using BS5890 RAPGEF5 pAb.

Purification & Purity

Synthetic peptide RAPGEF5. (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.

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co, Ltd.

No 9, weidi road Qixia District Nanjing, 210046,
P, R.China.

Email: info@biogot.com

Tel: +86-025-68037686 Fax: +86-025-68035151