

Recombinant Human ARHGEF3

Catalog No: #GP11084



Package Size: #GP11084-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human ARHGEF3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 202 amino acids of human Rho guanine nucleotide exchange factor (GEF) 3
Target Name	Rho guanine nucleotide exchange factor (GEF) 3
Other Names	GEF3; STA3; XPLN
Accession No.	Swissprot:Q9NR81 Gene Accession:BC099715
Uniprot	Q9NR81
GenelD	50650;
Storage	-20~-80°C, pH 7.6 PBS

Background

Rho-like GTPases are involved in a variety of cellular processes, and they are activated by binding GTP and inactivated by conversion of GTP to GDP by their intrinsic GTPase activity. Guanine nucleotide exchange factors (GEFs) accelerate the GTPase activity of Rho GTPases by catalyzing their release of bound GDP. This gene encodes a guanine nucleotide exchange factor, which specifically activates two members of the Rho GTPase family: RHOA and RHOB, both of which have a role in bone cell biology. It has been identified that genetic variation in this gene plays a role in the determination of bone mineral density (BMD), indicating the implication of this gene in postmenopausal osteoporosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only