

Recombinant Human ARHGEF10

Catalog No: #GP11080



Package Size: #GP11080-1 100ug

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Description

Product Name	Recombinant Human ARHGEF10
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human Rho guanine nucleotide exchange factor (GEF) 10
Target Name	Rho guanine nucleotide exchange factor (GEF) 10
Other Names	GEF10
Accession No.	Swissprot:O15013Gene Accession:BC036809
Uniprot	O15013
GenID	9639;
Storage	-20~-80°C, pH 7.6 PBS

Background

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. ARHGEF10 (rho guanine nucleotide exchange factor 10), also known as GEF10 or KIAA0294, is a 1,369 amino acid protein that contains one DBL-homology domain and is thought to play a role in myelination of peripheral nerves, specifically during development. ARHGEF10 is expressed as four alternatively spliced isoforms that are present at low levels in ovary, lung, testis and kidney, with considerably higher expression in the central and peripheral nervous systems.

References

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

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