

ARHGEF10 抗原（重组蛋白）

中文名称：ARHGEF10 抗原（重组蛋白）

英文名称：ARHGEF10 Antigen (Recombinant Protein)

别名：GEF10

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 300 amino acids of human ARHGEF10

技术规格：

Full name:	Rho guanine nucleotide exchange factor (GEF) 10
Synonyms:	GEF10
Swissprot:	O15013
Gene Accession:	BC036809
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 though

t 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.