

RASGEF1A 抗原（重组蛋白）

中文名称： RASGEF1A 抗原（重组蛋白）

英文名称： RASGEF1A Antigen (Recombinant Protein)

别名： RasGEF domain family, member 1A; CG4853

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 214-461 amino acids of human RASGEF1A

技术规格

Full name:	RasGEF domain family, member 1A
Synonyms:	CG4853
Swissprot:	Q8N9B8
Gene Accession:	BC022548
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	RASGEF1A (RasGEF domain family, member 1A) is a 481 amino acid guanine-nucleotide exchange factor (GEF) for H-Ras, K-Ras, and N-Ras. RASGEF1A may also play a role in cell migration. RASGEF1A is highly expressed in spinal chord and brain and contains one N-terminal Ras-GEF domain and one Ras-GEF domain. The gene that encodes RASGEF1A maps to human chromosome 10, which contains over 800 genes and 135 million nucleotides, making up nearly 4.5% of the hu

man genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome.