

RGS14 抗原（重组蛋白）

中文名称： RGS14 抗原（重组蛋白）

英文名称： RGS14 Antigen (Recombinant Protein)

别名： regulator of G protein signaling 14

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 302-566 amino acids of human RGS14

技术规格

Full name:	regulator of G protein signaling 14
Swissprot:	O43566
Gene Accession:	BC014094
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the regulator of G-protein signaling family. This protein contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain. The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal.

I. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.