

RGS1 抗原（重组蛋白）

中文名称： RGS1 抗原（重组蛋白）

英文名称： RGS1 Antigen (Recombinant Protein)

别 名： regulator of G-protein signaling 1; 1R20; BL34; IER1; IR20; HEL-S-87

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 141 amino acids of human RGS1

技术规格

Full name:	regulator of G-protein signaling 1
Synonyms:	1R20; BL34; IER1; IR20; HEL-S-87
Swissprot:	Q08116
Gene Accession:	BC015510
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 signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a

GTPase activating protein (GAP), increasing 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.