

# Recombinant Human RGS1

Catalog No: #GP11944



Package Size: #GP11944-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human RGS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 141 amino acids of human regulator of G-protein signaling 1
Target Name	regulator of G-protein signaling 1
Other Names	1R20; BL34; IER1; IR20; HEL-S-87
Accession No.	Swissprot:Q08116Gene Accession:BC015510
Uniprot	Q08116
GeneID	5996;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## 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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