



# Human SRGAP3 peptide (DAG-P1187)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	srGAP3 (SLIT ROBO Rho GTPase-activating protein 3) is a GTPase activating protein (GAP) for the small G protein Rac. It has a putative role in attenuating Rac1 signalling in neurons. srGAP3 is thought to act downstream of the Slit-Robo pathway, which regulates neuronal migration and axonal branching, and play an important role in axonal regeneration after axotomy. It also plays a putative role in severe mental retardation.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SRGAP3 SLIT-ROBO Rho GTPase activating protein 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SRGAP3
<b>Synonyms</b>	SRGAP3; SLIT-ROBO Rho GTPase activating protein 3; WRP; MEGAP; SRGAP2; ARHGAP14; SLIT-ROBO Rho GTPase-activating protein 3; mental disorder-associated GAP; rho GTPase-activating protein 14; SLIT-ROBO Rho GTPase activating protein 2; WAVE-associated Rac GTPase activating protein;
<b>Entrez Gene ID</b>	<a href="#">9901</a>
<b>mRNA Refseq</b>	<a href="#">NM_001033117.2</a>

<b>Protein Refseq</b>	<a href="#">NP_001028289.1</a>
<b>UniProt ID</b>	O43295
<b>Chromosome Location</b>	3p25.3
<b>Pathway</b>	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Inactivation of Cdc42 and Rac, organism-specific biosystem; Inactivation of Cdc42 and Rac, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling b
<b>Function</b>	GTPase activator activity; protein binding;