



Human SRGAP3 peptide (DAG-P1187)

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

PRODUCT INFORMATION

Antigen Description	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.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	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

Gene Name	SRGAP3 SLIT-ROBO Rho GTPase activating protein 3 [Homo sapiens (human)]
Official Symbol	SRGAP3
Synonyms	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;
Entrez Gene ID	9901
mRNA Refseq	NM_001033117.2

Protein Refseq	NP_001028289.1
UniProt ID	O43295
Chromosome Location	3p25.3
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific 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
Function	GTPase activator activity; protein binding;
