

Recombinant Human SRGAP2, MYC/DDK-tagged

Cat. No. SRGAP2-88H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRGAP2, fused with C-terminal MYC/DDK, was expressed in HEK293 Cells.
Species	Human
Source	HEK293
Description	This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. The encoded protein stimulates GTPase activity of Rac1, and plays a role in cortical neuron development. This locus has several paralogous loci on human chromosome 1, resulting from segmental duplication. While this locus itself is conserved among various species, the paralogs are found only in the genus Homo, and not in the genomes of non-human great apes. Alternatively spliced transcript variants have been described for this locus.
Molecular Mass	120.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	SRGAP2 SLIT-ROBO Rho GTPase activating protein 2 [Homo sapiens (human)]
Official Symbol	SRGAP2
Synonyms	SRGAP2; FNBP2; SRGAP3; SRGAP2A; ARHGAP34; SLIT-ROBO Rho GTPase activating protein 2; SLIT-ROBO Rho GTPase-activating protein 2; formin-binding protein 2; rho GTPase-activating protein 34
Gene ID	23380
mRNA Refseq	NM_015326
Protein Refseq	NP_056141
MIM	606524
UniProt ID	O75044
Chromosome Location	1q32.1
Pathway	Axon guidance; Developmental Biology; Rho GTPase cycle
Function	Rac GTPase activator activity; Rac GTPase binding; protein homodimerization activity

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