

Datasheet for ABIN7564321

## SRGAP3 Protein (AA 1-1099) (His tag)



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### Overview

Quantity:	1 mg
Target:	SRGAP3
Protein Characteristics:	AA 1-1099
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRGAP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Srgap3 Protein expressed in mammalien cells.
Sequence:	<p>MSSQTKFKKD KEIIAEYEAQ IKEIRQLVE QFKCLEQQSE SRLQLQLDLQ EFFRRKAEIE</p> <p>LEYSRSLEKL AERFSSKIRS SREHQFKKDQ YLLSPVNCWY LVLHQTRRES RDHATLNDIF</p> <p>MNNVIVRLSQ ISEDVIRLFK KSKEIGLQMH EELLKVTNEL YTMKTYHMY HAESISAESK</p> <p>LKEAEKQEEK QFNKSGELSM NLLRHEDRPQ RRSSVKKIEK MKEKRQAKYS ENKLKCTKAR</p> <p>NDYLLNLAAT NAAISKYYIH DVSDLIDCCD LGFHASLART FRTYLSAEYN LETSRHEGLD</p> <p>VIENAVDNLD SRSDKHTVMD MCSQVFCPPL KFEFQPHMGD EVCQVSAQQP VQTELLMRYH</p> <p>QLQSRLATLK IENEEVRKTL DATMQTLQDM LTVEDFDVSD AFQHSRSTES IKSAASETYM</p> <p>SKINIAKRRA NQQETEMFYF TKFKEYVNGS NLITKLQAKH DLLKQTLGEG ERAECGTTRP</p> <p>PCLPPKPQKM RRPRLSVYS HKLFNGSMEA FIKDSGQAIP LVAESCIRFI NLYGLQQQGI</p> <p>FRVPGSQVEV NDIKNSFERG EDPLVDDQNE RDINSVAGVL KLYFRGLENP LFPKERFQDL</p> <p>ISTIKLENPA DRVHPIQQIL ITLPRVVIVV MRYLFAFLNH LSQYSDENMM DPYNLAICFG</p>

PTLMHIPDGQ DPVSCQAHVN EVIKTIIHH EAIFFSPREL EGPVYEKMA GGEYCDSPH  
SEPGTIDEVD HDNGTEPHTS DEEEQIEAI AKFDYVGRSP RELSFKKGAS LLLYHRASED  
WWEGRHNGVD GLIPHQYIVV QDMDDAFSDS LSQKADSEAS SGPLDDKAS SKNDLQSPTE  
HISDYGFGGV MGRVRLRSDG AAIPRRRSGG DTHSPPRGLG PSIDTPPRAA ACPSSPHKIP  
LSRGRIESPE KRRMATFGSA GSINYPDKKA LTEGLSMRST CGSTRHSSLG DHKSLEAEAL  
AEDIEKTMST ALHELRELER QNTVKQAPDV VLDLTLEPLKN PGPISSEPA SPLHTIVIRD  
PDAAMRRSSS SSTEMMTTFK PALSARLAGA QLRPPPMRPV RPVVQHRSSS SSSSGVGSPA  
VTPTEKMFNP SSSDKSGTM **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SRGAP3
Alternative Name:	Srgap3 ( <a href="#">SRGAP3 Products</a> )
Background:	SLIT-ROBO Rho GTPase-activating protein 3 (srGAP3) (Rho GTPase-activating protein 14) (WAVE-associated Rac GTPase-activating protein) (WRP),FUNCTION: GTPase-activating protein for RAC1 and perhaps CDC42, but not for RhoA small GTPase. May attenuate RAC1

### Target Details

	signaling in neurons (By similarity). {ECO:0000250}.
Molecular Weight:	124.4 kDa
UniProt:	<a href="#">Q812A2</a>

### Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months