

Datasheet for ABIN7546353

## SLIT-ROBO rho GTPase Activating Protein 2B (SRGAP2B) (AA 1-458) protein (His tag)



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### Overview

Quantity:	1 mg
Target:	SLIT-ROBO rho GTPase Activating Protein 2B (SRGAP2B)
Protein Characteristics:	AA 1-458
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

### Product Details

Purpose:	Custom-made recombinant SRGAP2B Protein expressed in mammalian cells.
Sequence:	<p>MTSPAKFKKD KEIIAEYDTQ VKEIRAQLTE QMKCLDQQCE LRVQLLQDLQ DFFRKKAIE</p> <p>MDYSRNLEKL AERFLAKTCS TKDQQFKKDQ NVLSPVNCWN LLLNQVKRES RDHTTSLDIY</p> <p>LNNIIPRFVQ VSEDSGRLFK KSKEVGQQLQ DDLMKVLNEL YSVMKTYHMY NADSISAQSK</p> <p>LKEAEKQEEK QIGKSVKQED RQTPRSPDST ANVRIEEKHV RRSSVKKIEK MKEKRQAKYT</p> <p>ENKLKAIKAR NEYLLALEAT NASVFKYYIH DLSDLIDCCD LGYHASLNRA LRTFLSAELN</p> <p>LEQSKHEGLD AIENAVENLD ATSDKQRLME MYNNVFCPPM KFEFQPHMGD MASQLCAQQP</p> <p>VQSELLQRCQ QLQSRLSTLK IENEEVKKTM EATLQTIQDI VTVEDFDVSD CFQYSNSMES</p> <p>VKSTVSETFM SKPSIAKRRA NQQETEYFYF TVRECYGF <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

isoform, please contact us regarding an individual offer.

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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	SLIT-ROBO rho GTPase Activating Protein 2B (SRGAP2B)
Alternative Name:	SRGAP2B ( <a href="#">SRGAP2B Products</a> )
Background:	SLIT-ROBO Rho GTPase-activating protein 2B (SLIT-ROBO Rho GTPase activating protein 2 pseudogene 2),FUNCTION: May regulate cell migration and differentiation through interaction with and inhibition of SRGAP2 (PubMed:31822692, PubMed:31822692). In contrast to SRGAP2C, it is not able to induce long-lasting changes in synaptic density throughout adulthood (PubMed:31822692). {ECO:0000269 PubMed:31822692, ECO:0000305 PubMed:22559944, ECO:0000305 PubMed:31822692}.
Molecular Weight:	53.4 kDa
UniProt:	<a href="#">P0DMP2</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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