

Datasheet for ABIN7564049

## ARHGAP20 Protein (AA 1-1182) (His tag)



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### Overview

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Quantity:                     | 1 mg                                            |
| Target:                       | ARHGAP20                                        |
| Protein Characteristics:      | AA 1-1182                                       |
| Origin:                       | Mouse                                           |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This ARHGAP20 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)           |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Purpose:  | Custom-made recombinat Arhgap20 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence: | <p>MEAMSPQQDA LGAQPGRSSS LTGMSRIAGG PGTKKKMKTL AERRRSAPSL ILDKALQKRP</p> <p>STRDSHSASI DTCAFLSSFM CSSRTLIDG PVELKRGLQR QERHLFLFND LFVSAKIKYN</p> <p>NNFKIKNKIR LTDMWTASCV EEVGEGNMNA QKSFVLGWPT VNFVATFSSP EQKDKWLSLL</p> <p>QRYIALEKEK DYPKSIPLKI FAKDIGNCAY FKTITVMNSD TASEVINMSL QMLGITGSR</p> <p>DYQLWVNSGK EAAPYPLIGH EYPYGIKMSH LRDTALLTQG SRDSASPSQL QEPFLMEQLP</p> <p>REMQCQFILK PTRLATAQQL SDSSQKTFKR RRSIINWAFW RGSSTHLDNL PMSPTSPMPG</p> <p>QLFGVSLPDL CENDNLPKPI LDMLSFLNQK GPLTKGIFRQ SANMKSCREL KEKLNSGIEV</p> <p>HLDCESIFVI ASVLKDFLRN IPESIFSSDL YDHWVCVMDQ GNDEEKINII QRLLDQLPRA</p> <p>NNVFLRYLFG VLNIEQHSL SNQMTAFNLA VCIAPSILWP PASSSPELEN EFTKKVSLLI</p> <p>QFLIENCCRV FGEEIASLLG ELSERSDREH TPDITCFQMN DSSYDSLENE LNEEADAPCS</p> <p>DLVKKLGQGS RSMDSVLTLS DYDLEQPEVE GLLTLSNFDL DQSKEEHIPI KPPLPKPVN</p> |

VFVGYRKVSL GEHARAPAGP GTLSCLPVAA ADAPKVLRRH RRSSEPSIDY LDTKLSYLRE  
FYQKKLRKSS CDAVLSRKDE DYLKQTQPQK KGDKVCLKQS SVTGTDVSKR NTANENIKKK  
SLSGHEGTQV TLFTKSKPVP ISVASYSHGS SQDHPRKQAF DADPCRFSP HLTDAQKSSR  
VQHRRCEPS IDDQNYKLSY LRGIYSMKQN KASCEAGLLH GEDDYLRHK SLQIEGQKLI  
NQSLVMGIEV GKSSSSHQST EKVLPRLNL CPRASYSSL SPGSSPSGSS VSSQDSAFSQ  
ISEHSVFTPT ETSSPIDCTF QTQRKQEELS SDFDPSRSL GMPGSPMGQA SSHLAYLRKG  
TTEQPSQMHS VTLHPSAWLR SGLVTLKNWS LKKKTKAARP EDRKVCSLKE PLELPSCASG  
TPEADSLQES QDDLQGDEGP GQTACGFSSY ACQDSEQHAG SPFHAEASRL KPCMPLYKGE  
ESGGQYPCDN PWEGASSSLE TTEDTANPGA EPTTFAMTGT DI **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> |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                                                     |
|---------|-----------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
|---------|-----------------------------------------------------|

|        |             |
|--------|-------------|
| Grade: | custom-made |
|--------|-------------|

Target Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Target:           | ARHGAP20                                                                              |
| Alternative Name: | Arhgap20 ( <a href="#">ARHGAP20 Products</a> )                                        |
| Background:       | Rho GTPase-activating protein 20 (RA and RhoGAP domain-containing protein) (RARhoGAP) |

## Target Details

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | (Rho-type GTPase-activating protein 20),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. {ECO:0000250}. |
| Molecular Weight: | 131.4 kDa                                                                                                                                                     |
| UniProt:          | <a href="#">Q6IFT4</a>                                                                                                                                        |

## Application Details

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|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                        |