

Datasheet for ABIN7555226

## ARHGAP9 Protein (AA 1-750) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	ARHGAP9
Protein Characteristics:	AA 1-750
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat ARHGAP9 Protein expressed in mammalian cells.
Sequence:	<p>MLSSRWWPSS WGILGLGPRS PPRGSQLCAL YAFTYTGADG QQVSLAEGDR FLLLRKTNDS</p> <p>WWLARRLEAP STSRPIFVPA AYMIEESIPS QSPTTVIPGQ LLWTPGPKLF HGSLEELSQA</p> <p>LPSRAQASSE QPPPLPRKMC RSVSTDNLSP SLLKPFQEGP SGRSLSQEDL PSEASASTAG</p> <p>PQPLMSEPPV YCNLVDLRRR PRSPPPGPAC PLLQRLDAWE QHLDPNNGRC FYINSLTGCK</p> <p>SWKPPRRSRS ETNPGSMEGT QTLKRNDVL QPQAKGFRSD TGTPEPLDPQ GSLSLSQRTS</p> <p>QLDPPALQAP RPLPQLLDDP HEVEKSGLLN MTKIAQGGRK LRKNWGPSWW VLTGNSLVFY</p> <p>REPPPTAPSS GWGPAGSRPE SSVDLRGAAL AHGRHLSSRR NVLHIRTIPG HEFLQLSDHE</p> <p>TELRAWHRAL RTVIERLVRW VEAREAPTG RDQSGSDREN PLELRLSGSG PAELSAGEDE</p> <p>EESELVSKP LLRLSSRRSS IRGPEGTEQN RVRNKLKRLI AKRPPLQSLQ ERGLLRDQVF</p> <p>GCQLESLCQR EGDVTPSFLR LCIAAVDKRG LDVDGIYRVS GNLAHVQKLR FLVDRERAVT</p> <p>SDGRYVFPEQ PGQEGRLDLD STEWDDIHVV TGALKLFLRE LPQPLVPPLL LPHFRAALAL</p>

Product Details

SESEQCLSQI QELIGSMPKP NHDTLRYLLE HLCRVIAHSD KNRMTPHNLG IVFGPTLFRP  
EQETSDPAAH ALYPGQLVQL MLTNFTSLFP **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:	<div>Key Benefits:</div> <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:	ARHGAP9
Alternative Name:	ARHGAP9 ( <a href="#">ARHGAP9 Products</a> )
Background:	Rho GTPase-activating protein 9 (Rho-type GTPase-activating protein 9),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has a substantial GAP activity toward CDC42 and RAC1 and less toward RHOA. Has a role in regulating adhesion of hematopoietic cells to the extracellular matrix. Binds phosphoinositides, and has the highest affinity for phosphatidylinositol 3,4,5-trisphosphate, followed by phosphatidylinositol 3,4-bisphosphate and phosphatidylinositol 4,5-bisphosphate. {ECO:0000269 PubMed:11396949}.
Molecular Weight:	83.3 kDa

### Target Details

---

UniProt: [Q9BRR9](#)

### 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