

Datasheet for ABIN7547920

## ARHGDIG Protein (AA 1-225) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	ARHGDIG
Protein Characteristics:	AA 1-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGDIG protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat ARHGDIG Protein expressed in mammalian cells.
Sequence:	<p>MLGLDACELG AQLLELLRLA LCAVLLADK EGGPPAVDEV LDEAVPEYRA PGRKSLLEIR</p> <p>QLDPDDRSLA KYKRVLLGPL PPAVDPSLPN VQVTRLTLLS EQAPGPVVM D LTGDLAVLKD</p> <p>QVFVLKEGVD YRVKISFKVH REIVSGLKCL HHTYRRGLRV DKTVMVGSY GPSAQEYEFV</p> <p>TPVEEAPRGA LVRGPYLVVS LFTDDDRTHH LSWEWGLCIC QDWKD <b>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.</b></p>
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</li> </ul>

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	ARHGDIG
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Alternative Name:	ARHGDIG ( <a href="#">ARHGDIG Products</a> )
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Background:	Rho GDP-dissociation inhibitor 3 (Rho GDI 3) (Rho-GDI gamma),FUNCTION: Inhibits GDP/GTP exchange reaction of RhoB. Interacts specifically with the GDP- and GTP-bound forms of post-translationally processed Rhob and Rhog proteins, both of which show a growth-regulated expression in mammalian cells. Stimulates the release of the GDP-bound but not the GTP-bound RhoB protein. Also inhibits the GDP/GTP exchange of RhoB but shows less ability to inhibit the dissociation of prebound GTP.
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Molecular Weight:	25.1 kDa
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UniProt:	<a href="#">Q99819</a>
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## 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.
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Restrictions:	For Research Use only
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# 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