ARHGAP18 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	ARHGAP18, Lysate
Full Product Name	Human ARHGAP18 Protein Lysate
Product Gene Name	ARHGAP18 lysate
Product Synonym Names	ARHGAP18; bA307O14.2; MacGAP; SENEX
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	70,164 Da
OMIM	613351
3D Structure	ModBase 3D Structure for Q8N392
Related Product Information for ARHGAP18 lysate	Human ARHGAP18 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of ARHGAP18 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ARHGAP18 purchase	MBS137452 is a lysate targeting ARHGAP18. Also known as Human ARHGAP18 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP18. It may not necessarily be applicable to this product.

NCBI GI #	39932589
NCBI GeneID	93663
NCBI Accession #	NP_277050
UniProt Primary Accession #	Q8N392
UniProt Secondary Accession #	Q58EZ3; Q6P679; Q6PJD7; Q96S64; E1P575
UniProt Related Accession #	Q8N392
GenBank Nucleotide #	NM_033515
NCBI Official Full Name	rho GTPase-activating protein 18
NCBI Official Synonym Full Names	Rho GTPase activating protein 18
NCBI Official Symbol	ARHGAP18
NCBI Official Synonym Symbols	SENEX; MacGAP; bA307O14.2
UniProt Protein Name	Rho GTPase-activating protein 18

UniProt Synonym Protein Names	MacGAP; Rho-type GTPase-activating protein 18
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP18
UniProt Entry Name	RHG18_HUMAN
NCBI Protein Information	rho GTPase-activating protein 18; ARHGAP18; rho-type GTPase-activating protein 18
NCBI Summary for ARHGAP18	ARHGAP18 belongs to a family of Rho (see MIM 165390) GTPase-activating proteins that modulate cell signaling (Potkin et al., 2009 [PubMed 19065146]).[supplied by OMIM, Apr 2010]
UniProt Comments for ARHGAP18	ARHGAP18: a GTPase activator for the Rho-type GTPases, converting them to inactive GDP-bound states. Two alternatively-spliced isoforms have been described. Protein type: GAPs, Rac/Rho; GAPs Chromosomal Location of Human Ortholog: 6q22.33 Cellular Component: cytosol Molecular Function: GTPase activator activity Biological Process: regulation of small GTPase mediated signal transduction; small GTPase mediated signal transduction; positive regulation of GTPase activity
Research Articles on ARHGAP18	**1.** The results define ARHGAP18 as one of the crucial factors for the regulation of RhoA for the control of cell shape, spreading, and migration.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/lysate/arhgap18/137452