Rho Gtpase-Activating Protein 12 (ARHGAP12) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Rho GTPase-activating protein 12 (Arhgap12), Recombinant Protein
Full Product Name	Recombinant Mouse Rho GTPase-activating protein 12 (Arhgap12) , partial
Product Gene Name	Arhgap12 recombinant protein
Product Synonym Gene Name	Arhgap12
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	95,352 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8C0D4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Arhgap12 recombinant protein	MBS1323577 is a recombinant protein targeting Arhgap12. Also known as Recombinant Mouse Rho GTPase-activating protein 12 (Arhgap12) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Arhgap12 recombinant protein 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Arhgap12. It may not necessarily be applicable to this product.

NCBI GI #	89242143
NCBI GeneID	75415
NCBI Accession #	NP_001034781.1
UniProt Primary Accession #	Q8C0D4
UniProt Secondary Accession #	Q8BVP8
UniProt Related Accession #	Q8C0D4
GenBank Nucleotide #	NM_001039692.1
NCBI Official Full Name	rho GTPase-activating protein 12 isoform 1

NCBI Official Synonym Full Names	Rho GTPase activating protein 12
NCBI Official Symbol	Arhgap12
NCBI Official Synonym Symbols	2810011M08Rik
UniProt Protein Name	Rho GTPase-activating protein 12
UniProt Synonym Protein Names	Rho-type GTPase-activating protein 12
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	Arhgap12
NCBI Protein Information	rho GTPase-activating protein 12
UniProt Comments for Arhgap12	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Research Articles on Arhgap12	**1.** ARHGAP12 inactivates RAC1, thereby impairing cell motility, invasion and adhesion to the extracellular matrix. The gene is transcriptionally suppressed by Hepatocyte Growth Factor in human and murine cell lines.
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