

Datasheet for ABIN667259

**ARHGDI A Protein (AA 24-204) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ARHGDI A
Protein Characteristics:	AA 24-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGDI A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	ARHGDI A, 24-204aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	ARHGDI A
Alternative Name:	ARHGDI A ( <a href="#">ARHGDI A Products</a> )
Background:	Rho GDP-dissociation inhibitor 1, also known ARHGDI A, belong to the RAS gene superfamily encoding small guanine nucleotide exchange (GTP/GDP) factors. Localized to the cytoplasm, ARHGDI A inhibits the dissociation of GDP from Rho proteins, thereby preventing GTP from binding to and subsequently activating Rho proteins. In humans ARHGDI A can be phosphorylated at Ser 101 by p21-activated kinase, an event that inhibits ARHGDI A activity and

Target Details

may result in positive feedback regulation of certain ARHGDIA target proteins. Recombinant human ARHGDIA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Rho GDP-dissociation inhibitor 1, GDIA1, RHOGDI, RHOGDI-1, Rho-GDI alpha. NCBI no.: NP\_004300

Molecular Weight: 22.9 kDa (202aa) confirmed by MALDI-TOF

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

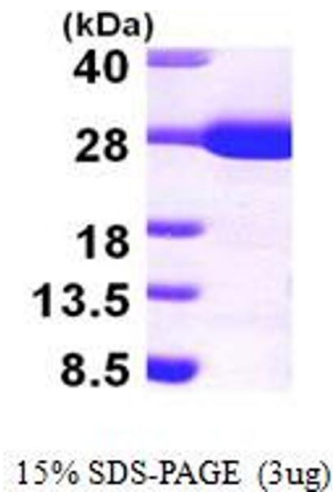
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.