

Recombinant Human ARHGDI A, His-tagged

Cat. No. ARHGDI A-30981TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 6-204 of Human RhoGDI with an N terminal His tag; MWt 25kDa.
Species	Human
Source	E.coli
ProteinLength	6-204 a.a.
Description	Aplysia Ras-related homologs (ARHs), also called Rho genes, belong to the RAS gene superfamily encoding small guanine nucleotide exchange (GTP/GDP) factors. The ARH proteins may be kept in the inactive, GDP-bound state by interaction with GDP dissociation inhibitors, such as ARHGDI A (Leffers et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 156 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	PTAEQLAQIAAENEDEHSVNYKPPAQKSIQEIQELDKDD ESLRKYKEALLGRVAVS ADPNVPNVVVTGLTLVCSSAP GPLELDLTGDLESFKKQSFVLKEGVEYRIKISFRVN

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RE IVSGMKYIQHTYRKGVKIDKTDYMGVSGYPRAEEYEFL TPVEEAPKGMLARGSY
SIKSRFTDDDKTDHLSWEWNLTIK KDWKD

Sequence
Similarities Belongs to the Rho GDI family.

GENE INFORMATION

Gene Name ARHGDI Rho GDP dissociation inhibitor (GDI) alpha [Homo sapiens]

Official Symbol ARHGDI

Synonyms ARHGDI; Rho GDP dissociation inhibitor (GDI) alpha; GDIA1; rho GDP-dissociation inhibitor 1; RHOGDI;

Gene ID 396

mRNA Refseq NM_001185077

Protein Refseq NP_001172006

MIM 601925

Uniprot ID P52565

Chromosome Location 17q25.3

Pathway Axonal growth inhibition (RHOA activation), organism-specific biosystem; Axonal growth stimulation, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem;

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Function

GTPase activator activity; Rho GDP-dissociation inhibitor activity;

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