

Recombinant Human ARHGDIG

Cat. No. ARHGDIG-26234TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ARHGDIG with N-terminal proprietary tag. Predicted MW 50.86 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	225 amino acids
Description	The GDP-dissociation inhibitors (GDIs) play a primary role in modulating the activation of GTPases by inhibiting the exchange of GDP for GTP. See ARHGDIB (MIM 602843).
Molecular Weight	50.860kDa inclusive of tags
Tissue specificity	Primarily expressed in pancreas and brain.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MLGLDACELGAQLLELLRLALCARVLLADKEGGPPAVDEV LDEAVPEYRAPGRKSL
 LEIRQLDPDDRSLAKYKRVLLGPL PPAVDPSLPNVQVTRLTLLSEQAPGPVMDLTG
 DLAVLKD QVFVLKEGVDYRVKISFKVHREIVSGLKCLHHTYRRGLRV DKTVYMVGS
 YGPSAQEYEFVTPVEEAPRGALVRGPYLVVS LFTDDDRTHHLSWEWGLCICQDWK
 D

Sequence Similarities

Belongs to the Rho GDI family.

GENE INFORMATION

Gene Name [ARHGDIG Rho GDP dissociation inhibitor \(GDI\) gamma \[Homo sapiens \]](#)

Official Symbol [ARHGDIG](#)

Synonyms ARHGDIG; Rho GDP dissociation inhibitor (GDI) gamma; rho GDP-dissociation inhibitor 3; RhoGDI gamma; RHOGDI 3;

Gene ID [398](#)

mRNA Refseq [NM_001176](#)

Protein Refseq [NP_001167](#)

MIM [602844](#)

Uniprot ID [Q99819](#)

Chromosome Location 16p13.3

Pathway G13 Signaling Pathway, organism-specific biosystem; Regulation of RhoA activity,

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organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;

Function

GTPase activator activity; Rho GDP-dissociation inhibitor activity;

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