# Recombinant Human ARHGDIB protein, His-tagged

**Cat. No.** ARHGDIB-3500H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ARHGDIB protein(1-201 aa), fused with N-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-201 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AASequence** | MTEKAPEPHVEEDDDDELDSKLNYKPPPQKSLKELQEMDKDDESLIKYKKTLLGDG PVVTDPKAPNVVVTRLTLVCESAPGPITMDLTGDLEALKKETIVLKEGSEYRVKIHFK VNRDIVSGLKYVQHTYRTGVKVDKATFMVGSYGPRPEEYEFLTPVEEAPKGMLARG TYHNKSFFTDDDKQDHLSWEWNLSIKKEWTE |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 |

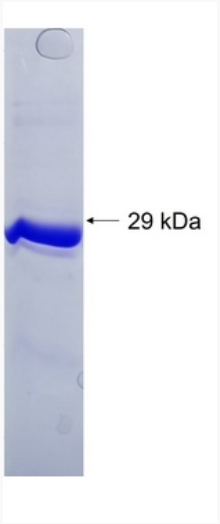
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| | g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution. |

## GENE INFORMATION

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| **Gene Name** | ARHGDIB Rho GDP dissociation inhibitor (GDI) beta [ Homo sapiens ] |
| **Official Symbol** | ARHGDIB |
| **Synonyms** | ARHGDIB; Rho GDP dissociation inhibitor (GDI) beta; GDIA2, GDID4, RAP1GN1; rho GDP-dissociation inhibitor 2; Ly GDI; RhoGDI2; Rho GDI 2; rho-GDI beta; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; |
| **Gene ID** | 397 |
| **mRNA Refseq** | NM_001175 |
| **Protein Refseq** | NP_001166 |
| **MIM** | 602843 |
| **UniProt ID** | P52566 |

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| **SDS-PAGE** |   |

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