

Rho GDP Dissociation Inhibitor (GDI) Beta Human Recombinant

Item Number	rAP-4674
Synonyms	Rho GDP dissociation inhibitor (GDI) beta, Rho GDI 2, Rho-GDI beta, GDIA2, GDID4, Ly-GDI, RAP1GN1.
Description	ARHGDIB Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 428 amino acids (1-201) and having a molecular mass of 49.4kDa. ARHGDIB is fused to a 227 amino acid GST-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P52566
Amino Acid Sequence	MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQS- MA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFSLKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPPKSD LVPRGSHMTE KAPEPHVEED DDELD SKLN YKPPPQKSLK EL- QEMDKDDE SLIKYKKTLL GDGPVVTPDK APNVVVTRLT LVCESAPGPI TMDLTGDLEA LKKETIVLKE GSEYRVKIHF KVN RDIVSGL KYVQHTYRTG VKVDKATFMV GSYGPRPEEY EFLTPVEEAP
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ARHGDIB solution (1mg/1ml) contains phosphate-buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**