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32-3231: ARHGDIB Recombinant Protein

Alternative Name : Rho GDP dissociation inhibitor (GDI) beta,Rho GDI 2,Rho-GDI beta,GDIA2,GDID4,Ly-GDI,RAP1GN1.

Description

Source : E.coli. ARHGDIB Human Recombinant produced in E. coli 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. Members of the Rho (or ARH) protein family and other Ras-related small GTP-binding proteins are involved in various cellular procedures, such as cell cytoskeletal organization, secretion, proliferation, and signaling. The GTPBPs are active only in the GTP-bound state. At least 3 types of proteins firmly regulate cycling between the GTP-bound and GDP-bound states: GDP-dissociation inhibitors (GDIs), GTPase-activating proteins (GAPs) and guanine nucleotide-releasing factors (GRFs). ARHGDIB and the other GDIs lower the level of GDP dissociation from Ras-like GTPases.

Product Info

Amount :	5 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The ARHGDIB solution (1mg/1ml) contains phosphate-buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSHMTE KAPEPHVEED DDDELDSKLN YKPPPQKSLK ELQEMDKDDE SLIKYKKTLL GDGPVVTDPK APNVVVTRLT LVCESAPGPI TMDLTGDLEA LKKETIVLKE GSEYRVKIHF KVNRDIVSGL KYVQHTYRTG VKVDKATFMV GSYGPRPEEY EFLTPVEEAP KGMLARGTYH NKSFFTDDDK QDHLSWEWNL SIKKEWTE

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