

32-3230: ARHGDI α Recombinant Protein

Alternative Name : Rho GDP-dissociation inhibitor 1,Rho GDI 1,Rho-GDI alpha,ARHGDI α ,GDIA1,RHOGDI,RHOGDI-1,MGC117248.

Description

Source : Escherichia Coli. ARHGDI α Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 202 amino acids (24-204 a.a.) and having a molecular mass of 22.9kDa. The ARHGDI α is purified by proprietary chromatographic techniques. Rho GDP-dissociation inhibitor 1 (ARHGDI α) is a member of the RAS gene superfamily, which encodes small guanine nucleotide exchange (GTP/GDP) factors. ARHGDI α , which is localized to the cytoplasm, inhibits the dissociation of GDP from Rho proteins, thus preventing GTP from binding to and consequently activating Rho proteins. In humans, the ARHGDI α can be phosphorylated at Ser 101 by p21-activated kinase, an event that inhibits its activity and may result in positive feedback regulation of several ARHGDI α target proteins.

Product Info

Amount : 20 μ g
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The ARHGDI α solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT 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 : MGSSHHHHHH SSSLVPRGSH MSVNYKPPAQ KSIQEIQLD KDDESLRKYK EALLGRVAVS ADPNVNVVV TGLTLVCSSA PGPLELDLTG DLESFKKQSF VLKEGVEYRI KISFRVNREI VSGMKYIQHT YRKGVKIDKT DYMVGSYGPR AEEYEFLTPV EEAPKGMLAR GSYSIKSRFT DDDKTDHLSW EWNLTIKKDW KD.

