

Rho GDP dissociation inhibitor (GDI) alpha Human Recombinant

Item Number	rAP-4673
Synonyms	Rho GDP-dissociation inhibitor 1, Rho GDI 1, Rho-GDI alpha, ARHGDIA, GDIA1, RHOGDI, RHOGDI-1, MGC117248.
Description	ARHGDIA 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 ARHGDIA is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P52565
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSVNYKPPAQ KSIQEIQLD KDDSLRKYK EALLGRVAVS ADPNVPNVVV TGLTLVCSSA PGPLEDLTG DLESFKKQSF VLKEGVEYRI KISFRVNREI VSGMKYIQHT YRKGVKIDKT DYMVGSYGPR AEEYEFLTPV EEAPKGMLAR GSYSIKSRFT DDDKTDHLSW EWNLTIK- KDW KD.
Source	Escherichia Coli.
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 ARHGDIA solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 95.0% 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**