

Ras Homolog Gene Family Member D Human Recombinant

Item Number	rAP-3594
Synonyms	Rho-related GTP-binding protein RhoD, Rho-related protein HP1, RhoHP1, RHOD, ARHD, Rho, RHOM.
Description	RHOD produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (18-207 a.a.) and having a molecular mass of 23.8kDa.RHOD is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00212
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVKVVLVGDG GCGKTSLLMV FADGAFPESY TPTVFERVMV NLQVKGKPVH LHIWDTAGQD DYDRLRPLFY PDASVLLLCF DVTSPNSFDN IFNRWYPEVN HFCK- KVPIIV VGCKTDLRKD KSLVNKLRRN GLEPVTYHRG QEMARSVGAV AYLECSARLHDNVHAVFQEA AEVALSSRGR NFWRRITQGF C.
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 RHOD solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 50% glycerol, 200mM NaCl, 2mM EDTA and 0.1mM PMSF. Greater than 90.0% 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**