

## Rho Family GTPase 1 Human Recombinant

<b>Item Number</b>	rAP-4672
<b>Synonyms</b>	Rho family GTPase 1, GTP-binding protein, ras homolog gene family, member S, ARHS, RHOS, rho-related GTP-binding protein Rho6, RHO6, Rnd1, FLJ42294.
<b>Description</b>	RND1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-200) and having a molecular mass of 24.5 kDa. The RND1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q92730
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MKERRAPQPV VARCKLVLVG DVQCGKTAML QVLAKDCYPE TYVPTVFENY TACLETEEQR VELSLWDTSG SPYYDNVRPL CYSDSDAVLL CFDISRPETV DSALKKWRTE ILDYCPSTRV LLIGCKTDLR TDLSTLMELS HQKQAPISYE QGCAIAKQLG AEIYLEGSAF TSEKSIHSIF RTASMLCLNK PSPLPQKSPV
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The RND1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**