9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RND1 Human

Rho Family GTPase 1 Human Recombinant
RCP1878

Product Overview

Name	RND1 Human
Description	
Rho Family GTPase 1 Human Recombinant	
Accession (Primary)	Q92730
Synonyms	
Rho family GTPase 1, GTP-binding protein, ras homolog gene family, member S, ARHS, RHOS, rho-related GTP-binding protein Rho6, RHO6, Rnd1 , FLJ42294.	
Introduction	
RND1 is a Rho-related GTPases that form a separate branch of the Rho family, since they are different in charge, size, and biochemical properties. RND1 is found in the activated GTP-bound form and performs as a negative regulator of actin assembly and of cell adhesion. RND1 assists in regulation of the organization of the actin cytoskeleton as a reaction to extracellular growth factors.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The RND1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MKERRAPQPV VARCKLVLVG DVQCGKTAML QVLAKDCYPE TYVPTVFENY TACLETEEQR VELSLWDTSG SPYYDNVRPL CYSDSDAVLL CFDISRPETV DSALKKWRTE ILDYCPSTRV LLIGCKTDLR TDLSTLMELS HQKQAPISYE QGCAIAKQLG AEIYLEGSAF TSEKSIHSIF RTASMLCLNK PSPLPQKSPV	

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Precautions

RND1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q92730)