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

RAC1 Human

RAC1 Human Recombinant
RCP1781

Product Overview

Name	RAC1 Human
Description	
RAC1 Human Recombinant	
Accession (Primary)	P63000
Synonyms	
P21-RAC1, RAC-1, RAC1, RAS-like protein TC25, MIG5, Cell-migration-inducing gene 5 protein, rho family small GTP binding protein Rac1, TC-25, MGC111543.	
Introduction	
RAC1 is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. RAC-1 regulates the actin cytoskeleton but also other cellular processes. RAC1 have been shown to be involved in the regulation of cell-cell adhesion.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The protein solution contains 20mM Tris-HCl pH7.5, 2mM EDTA, 10% Glycerol and 1mM DTT.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPNTPI ILVGTKLDLR DDKDTIEKLK EKKLTPITYP QGLAMAKEIG AVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKRKRKCL LL	
Precautions	

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RAC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P63000)