9051 Mira Mesa Blvd, #910094
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RAC3 Human

Ras-Related C3 Botulinum Toxin Substrate 3 Human Recombinant
RCP1785

Product Overview

Name	RAC3 Human

Description

Ras-Related C3 Botulinum Toxin Substrate 3 Human Recombinant

Accession (Primary)	P60763

Synonyms

Ras-related C3 substrate 3, p21-Rac3, RAC3.

Introduction

RAC3 belongs to the Rac subfamily of the Rho small G proteins. RAC3 is a small (approximately 21kDa) monomeric GTP-binding protein, which is an important component of intracellular signaling pathway, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The RAC3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 200mM NaCl, 0.1mM PMSF and 1mM EDTA.

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 VRHHCPHTPI LLVGTKLDLR DDKDTIERLR DKKLAPITYP QGLAMAREIG SVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKPGKKC.

Precautions

RAC3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P60763)