

RAC1 Human, Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant Protein, His Tag

Catalog Number: PROTP63000-1

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.

Overview

Product Name	RAC1 Human, Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant Protein, His Tag
Description	Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-192 a.a.) and having a molecular mass of 23.6 kDa. RAC1 contains a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.
Size	10ug, 50ug, 1mg
Tag	
Form	Sterile Filtered colorless solution.
Source	E. Coli
Formulation	The RAC1 His Tag protein solution contains 20mM Tris-HCl pH7.5, 1mM EDTA, 10% glycerol and 1mM DTT.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SGLVPRGSH MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG

QEDYDRLRPLSYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPNTPI ILVGTKLDLR DDKDTIEKLK EKKLTPITYP QGLAMAKEIG
AVKYLECSALTQRGLKTVFD EAIRAVLCPP PVKKRKRKCL LL. [?/description_after_attributes?](#)

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