

Ras-Related C3 Botulinum Toxin substrate 1 Recombinant Protein | RAC1 recombinant protein

Recombinant Human Ras-Related C3 Botulinum Toxin substrate 1

CATALOG # AAA38519	HOST E Coli
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PRODUCT SYNONYMS

Ras-Related C3 Botulinum Toxin substrate 1; Recombinant Human Ras-Related C3 Botulinum Toxin substrate 1; RAC1 Human; Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant; P21-RAC1; RAC-1; RAC1; RAS-like protein TC25; MIG5; Cell-migration-inducing gene 5 protein; Ras-related C3 botulinum toxin substrate 1; rho family small GTP binding protein Rac1; TC-25; MGC111543; RAC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein solution contains 20mM Tris-HCl pH7.5, 2mM EDTA and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAQ EDYDRLRPLS YPQTDVFLIC FSLVSPASFE NVRAKWYPEV RHHCPNTPII LVGTKLDLRD DKDTIEKLKE KKLTPITYPQ GLAMAKEIGA VKYLECSALT QRGLKTVFDE AIRAVLCPPP VKKRKRKCLL L
Sequence Length	192

ADDITIONAL INFORMATION

Related Product Information for RAC1 recombinant protein	Description: Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids and having a molecular mass of 21.4 kDa. 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.
Product Categories/Family for RAC1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Ras-Related C3 Botulinum Toxin Substrate

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845511
NCBI GeneID	5879
NCBI Accession #	NP_008839.2
NCBI GenBank Nucleotide #	NM_006908.4
UniProt Accession #	P63000 ; O95501 ; P15154 ; Q3Y4D3 ; Q5JAA8 ; Q9BTB4 ; AAB22206
Molecular Weight	23,467 Da
NCBI Official Full Name	ras-related C3 botulinum toxin substrate 1 isoform Rac1
NCBI Official Synonym Full Names	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)

NCBI Official Symbol	RAC1
NCBI Official Synonym Symbols	MIG5; Rac-1; TC-25; p21-Rac1
NCBI Protein Information	ras-related C3 botulinum toxin substrate 1; cell migration-inducing gene 5 protein; ras-like protein TC25
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 1
UniProt Gene Name	RAC1
UniProt Synonym Gene Names	TC25
UniProt Entry Name	RAC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rac1-recombinant-protein-e-coli/38519>