

Datasheet for ABIN935105
RAC3 Protein (AA 1-189)



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1 Image

Overview

Quantity:	100 µg
Target:	RAC3
Protein Characteristics:	AA 1-189
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPTPI LLVGTKLDLR DDKDTIERLR DKKLAPITYP QGLAMAREIG SVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKPGKKC
Characteristics:	Purified recombinant Human RAC3 protein Expression System: E.coli
Purity:	> 95 % pure

Target Details

Target:	RAC3
Alternative Name:	RAC3 (RAC3 Products)
Background:	RAC3 is a member of the Rac subfamily of the Rho small G proteins. This protein is a small

Target Details

(~21 kDa) monomeric GTP-binding protein, and is an important component of intracellular signalling pathways, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Recombinant human RAC3 protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: Rac1B protein, rho family small GTP binding protein Rac3 protein, RAC3, RP23-84C12.18, RAC 3 protein, RAS related C3 botulinum substrate 3 protein, RAC-3, RAC 3, ras-related C3 botulinum toxin substrate 3 protein, p21-Rac3 protein, Rho family small GTP binding protein Rac3 protein, Ras related C3 botulinum toxin substrate 3 protein, RAC-3 protein

Molecular Weight: 21 kDa (189 AA)

Pathways: [RTK Signaling](#), [VEGF Signaling](#)

Application Details

Application Notes: RAC3 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 10 % glycerol, 0 mM DTT, 200 mM NaCl, 0.0 mM PMSF and 0 mM EDTA.

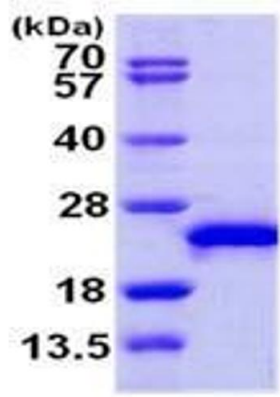
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.