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Datasheet for ABIN7505248

**RAC3 Protein (AA 1-189) (His tag)**

## Overview

Quantity:	100 µg
Target:	RAC3
Protein Characteristics:	AA 1-189
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAC3 protein is labelled with His tag.

## Product Details

Sequence:	Met 1-Cys 189
Characteristics:	A DNA sequence encoding the Human Rac3 protein (P60763) (Met 1-Cys 189) was expressed with a N-His and C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	RAC3
Alternative Name:	Rac3 ( <a href="#">RAC3 Products</a> )
Background:	Background: Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as cell spreading and the formation of actin-based protrusions including lamellipodia and membrane ruffles. Promotes cell adhesion and spreading

## Target Details

	on fibrinogen in a CIB1 and alpha-IIb/beta3 integrin-mediated manner. Synonym: Ras-related C3 botulinum toxin substrate 3, RAC3,p21-Rac3,
Molecular Weight:	20.68 kDa
UniProt:	<a href="#">P60763</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">VEGF Signaling</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months