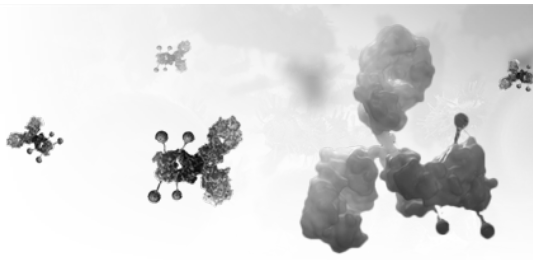

Human RAC1 blocking peptide (CDBP0741)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-CDC42 antibody
Antigen Description	The protein encoded by this gene 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

Gene Name	RAC1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) [Homo sapiens]
Official Symbol	RAC1

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Synonyms	RAC1; ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1); ras-related C3 botulinum toxin substrate 1; p21 Rac1; Rac 1; TC 25; ras-like protein TC25; cell migration-inducing gene 5 protein; MIG5; Rac-1; TC-25; p21-Rac1; MGC111543;
Entrez Gene ID	5879
mRNA Refseq	NM_006908
Protein Refseq	NP_008839
UniProt ID	P63000
Chromosome Location	7p22
Pathway	Activation of Rac, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;
Function	GTP binding; GTPase activity; enzyme binding; nucleotide binding; protein binding; thioesterase binding;

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