Recombinant Human RAC1 protein, GST-tagged

Cat. No. RAC1-2213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAC1 protein(NP_008839.2) (Met 1-Cys 189) was expressed in Insect Cells with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-189 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human RAC1/GST chimera consists of 414 amino acids and predicts a molecular mass of 47 kDa. It migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	RAC1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) [Homo sapiens]
Official Symbol	RAC1
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;
Gene ID	5879
mRNA Refseq	NM_006908
Protein Refseq	NP_008839
MIM	602048
UniProt ID	P63000

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