

Recombinant Human RAC2 protein, His-tagged

Cat. No. RAC2-2549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAC2 protein(P15153)(Met1-Cys189), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Cys189
Form	Lyophilized from sterile PBS, 20% glycerol, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human RAC2 comprises 200 amino acids and has a predicted molecular mass of 22.6 kDa. It migrates as an approximately 25 kDa band in SDS-PAGE under reducing conditions.
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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	RAC2 ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) [Homo sapiens]
Official Symbol	RAC2
Synonyms	RAC2; ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2); ras-related C3 botulinum toxin substrate 2; EN 7; p21-Rac2; small G protein; rho family, small GTP binding protein Rac2; Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein Rac2); Gx; EN-7; HSPC022;
Gene ID	5880
mRNA Refseq	NM_002872
Protein Refseq	NP_002863
MIM	602049
UniProt ID	P15153

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