

Recombinant Full Length Human RHOA Protein, His-tagged

Cat. No. RHOA-3975H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHOA (P61586-1) (Met 1-Leu 193) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-193 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human RHOA consists of 212 amino acids and has a calculated molecular mass of 24 kDa. It migrates as an approximately 28 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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.

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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.

GENE INFORMATION

Gene Name [RHOA ras homolog family member A \[Homo sapiens \]](#)

Official Symbol [RhoA](#)

Synonyms RHOA; ras homolog family member A; ARH12, ARHA, ras homolog gene family, member A; transforming protein RhoA; Rho12; RhoA; RHOH12; h12; oncogene RHO H12; rho cDNA clone 12; Aplysia ras-related homolog 12; small GTP binding protein RhoA; ras homolog gene family, member A; ARHA; ARH12; RHO12;

Gene ID [387](#)

mRNA Refseq [NM_001664](#)

Protein Refseq [NP_001655](#)

MIM [165390](#)

UniProt ID [P61586](#)

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