

Recombinant Human RHOB protein, GST-tagged

Cat. No. RHOB-2291H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHOB protein(1-196 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-196 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAAIRKKLVVVG DGACGKTCLLIVFSKDEFPEVYVPTVFENYVADIEVDGKQVELAL WDTAGQEDYDRLRPLSYPTD VILMCF SVDSPDSLENIPEKWWPEVKHFPCNPVPIIL VANKKDLRSDEHVRTELARMKQEPVRTDDGRAMAVRIQAYDYLECSAKTKEGVRE VFETATRAALQKRYGSQNGCINCKVL
Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [RHOB ras homolog family member B \[Homo sapiens \]](#)

Official Symbol [RHOB](#)

Synonyms RHOB; ras homolog family member B; ARH6, ARHB, ras homolog gene family, member B; rho-related GTP-binding protein RhoB; MST081; oncogene RHO H6; RhoB; RHOH6; h6; rho cDNA clone 6; Aplysia RAS-related homolog 6; ras homolog gene family, member B; ARH6; ARHB; MSTP081;

mRNA Refseq [NM_004040](#)

Protein Refseq [NP_004031](#)

MIM [165370](#)

UniProt ID [P62745](#)

Gene ID [388](#)

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SDS-PAGE



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