

Recombinant Human RHO protein, His-tagged

Cat. No. RHO-1421H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHO protein(127-220 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	127-220 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 7.4). 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 300 mM imidazole.
AASequence	CFSVSPSSFQNVSEKWWPEIRCHCPKAPIILVGTQSDLREDVKVLIELDKCKEKPVP EEAAKLCAEEIKAASYIECSALTQKNLKEVFDAIV
Purity	85%, 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.
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.

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GENE INFORMATION

Gene Name	RHOU ras homolog family member U [Homo sapiens]
Official Symbol	RHOU
Synonyms	RHOU; ras homolog family member U; ARHU, ras homolog gene family, member U; rho-related GTP-binding protein RhoU; 2310026M05Rik; CDC42 like GTPase; CDC42L1; DJ646B12.2; fJ646B12.2; FLJ10616; GTP binding protein like 1; GTP binding protein SB128; hG28K; ras like gene family member U; Ryu GTPase; Wnt 1 responsive Cdc42 homolog; WRCH 1; WRCH1; CDC42-like GTPase 1; GTP-binding protein SB128; GTP-binding protein like 1; rho GTPase-like protein ARHU; ras-like gene family member U; wnt-1 responsive Cdc42 homolog 1; ras homolog gene family, member U; ARHU;
mRNA Refseq	NM_021205
Protein Refseq	NP_067028
MIM	606366
UniProt ID	Q7L0Q8
Gene ID	58480

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SDS-PAGE

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