

Recombinant Human RND1 protein, GST-tagged

Cat. No. RND1-2330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RND1 protein(1-232 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-232 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	MKERRAPQPVARCKLVLVGDVQCGKTAMLQVLAKDCYPETYVPTVFENYTACLET EEQRVELSLWDTSGSPYYDNVRPLCYSDSDAVLLCFDISRPETVDSALKKWRTEILD YCPSTRVLLIGCKTDLRTDLSTLMELSHQKQAPISYEQGCAIAKQLGAEIYLEGSAFT SEKSIHSIFRTASMLCLNKPSPLPQKSPVRSLSKRLLHLPSRSELISSTFKKEKAKSCS IM
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

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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.

GENE INFORMATION

Gene Name RND1 Rho family GTPase 1 [Homo sapiens]

Official Symbol RND1

Synonyms RND1; Rho family GTPase 1; rho-related GTP-binding protein Rho6; ARHS; ras homolog gene family; member S; Rho6; RHOS; GTP-binding protein; ras homolog gene family, member S; RHO6; FLJ42294;

mRNA Refseq NM_014470

Protein Refseq NP_055285

MIM 609038

UniProt ID Q92730

Gene ID 27289

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