

Recombinant Human RND1 protein, His-tagged

Cat. No. RND1-2683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RND1 protein(140-225 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	140-225 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	SHQKQAPISYEQGCAIAKQLGAEIYLEGSAFTSEKSIHSIFRTASMLCLNKPSPLPQKS PVRSLSKRLLHLPSRSELISSTFKKEK
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	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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SDS-PAGE



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