

## Recombinant Human RND1 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RND1 protein(1-232 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-232 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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).
<b>AASequence</b>	MKERRAPQPVARCKLVLVGDVQCCKTAMLQVLAKDCYPETYVPTVFENYTACLET EEQRVELSLWDTSGSPYYDNVRPLCYSDSDAVLLCFDISRPETVDSALKKWRTEILD YCPSTRVLLIGCKTDLRDLSTLMELSHQKQAPISYEQGCIAIKQLGAEIYLEGSAFT SEKSIHSIFRTASMLCLNKPSPLPQKSPVRSLSKRLHLPSRSELISSTFKKEKAKSCS IM
<b>Purity</b>	90%, by SDS-PAGE.
<b>Storage</b>	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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SDS-PAGE



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