

Recombinant Human RHOT1 Protein, His-tagged

Cat. No. RHOT1-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHOT1 Protein(277-618 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	277-618 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	DDDLDLTPEYLFPLLKIPPDCTTELNHHAYLFLQSTFDKHDLDRCALSPDELKGLFK VFPYIPWGPDVNNTVCTNERGWITYQGFLSQWTLTTYLDVQRCLEYLGYLGYLSILTE QESQASAVTVTRDKKIDLQKKQTQRNVFRCNVIGVKNCGKSGVLQALLGRNLMRQK KIREDHKSYYAINTVYVYGQEYLLLDISESEFLTEAEIICDVVCLVYDVSNPKSFEY CARIFKQHFMDSRIPCLIVAASKSDLHEVKQEYSISPTDFCRKHKMPPPQAFTCNTADA PSKDIFVKLTMMAMYPHVTQADLKSSTFWLRASFGATVFAVLGFAMYKALLKQR
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name [RHOT1 ras homolog family member T1 \[Homo sapiens \]](#)

Official Symbol [RHOT1](#)

Synonyms RHOT1; ras homolog family member T1; ARHT1, ras homolog gene family, member T1; mitochondrial Rho GTPase 1; FLJ11040; MIRO 1; mitochondrial Rho (MIRO) GTPase 1; hMiro-1; mitochondrial Rho 1; ras homolog gene family, member T1; rac-GTP binding protein-like protein; rac-GTP-binding protein-like protein; ARHT1; MIRO1; MIRO-1; FLJ12633;

Gene ID [55288](#)

mRNA Refseq [NM_001033566](#)

Protein Refseq [NP_001028738](#)

MIM [613888](#)

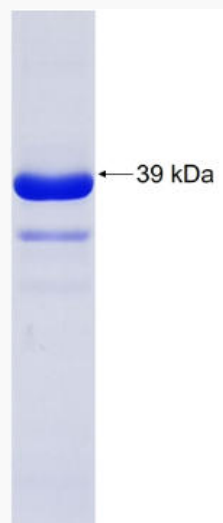
UniProt ID [Q8IXI2](#)

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SDS-PAGE



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