

Recombinant Full Length Human RHOT1 Protein, GST tagged

Cat. No. RHOT1-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Wheat Germ (in vitro)
ProteinLength	1-618 aa
Description	Predicted to enable GTP binding activity and GTPase activity. Involved in several processes, including mitochondrial outer membrane permeabilization; mitochondrion transport along microtubule; and regulation of mitochondrion organization. Located in mitochondrial outer membrane.
Molecular Mass	101.9 kDa
AA Sequence	MKKDVRILLVGEP RVGKTS LIMSLVSEEFPEEVPPRAEEITIPADVTPERVPT HIVDYS EAEQSDEQLHQEISQANVICIVYAVNNKHSIDKVTSRWIPLINERTDKDSRLPLILVGN KSDLVEYSSMETILPIMNQYTEIETCVECSAKNLKNISELFYYAQKAVLHPTGPLYCPE EKEMKPACIKALTRIFKISDQDNDGTLNDAELNFFQRICFNTPLAPQALEDVKNVVRK HISDGVADSGTLKGFLFLHTLFIQRGRHETTWTVLRRFGYDDDLDTPEYLFPLLKIP PDCTTELNNHHAYLFLQSTFDKHDLDRCALSPDELKDLFKVFPYIPWGPDVNNTVCT NERGWITYQGFLSQWTLTTYLDVQRCLEYLGYSILTEQESQASAVTVTRDKKID LQKKQTQRNVFRCNVIGVKNCGKSGVLQALLGRNLMRQKKIREDHKSYAINTVYV YGQEKYLLLHDISESEFLTEAEIICDVVCLVYDVSNPKSFEYCARIFKQHFMDSRIPCLI VAAKSDLHEVKQEYSISPTDFCRKHKMPPPQAFTCNTADAPSKDIFVKLTMMAMYPH

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	ARLRMCTCNRCTFCICQNFLNSDLLQSVKNKIFTAVLNRHVTQADLKSSTFWLRAS FGATVFAVLGFAMYKALLKQR
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	RHOT1 ras homolog family member T1 [Homo sapiens (human)]
Official Symbol	RHOT1
Synonyms	RHOT1; ras homolog family member T1; ARHT1; MIRO1; MIRO-1; mitochondrial Rho GTPase 1; mitochondrial Rho (MIRO) GTPase 1; rac-GTP binding protein-like protein; ras homolog gene family, member T1; EC 3.6.5.-
Gene ID	55288
mRNA Refseq	NM_001033566
Protein Refseq	NP_001028738
MIM	613888

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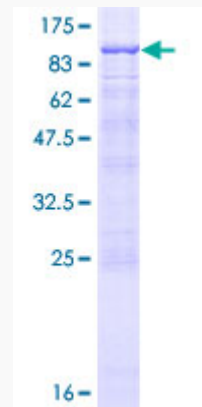
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UniProt ID

Q8IXI2

SDS-PAGE

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