

Recombinant Full Length Human RHOT2 Protein, C-Flag-tagged

Cat. No. RHOT2-1423HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RHOT2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the Rho family of GTPases. The encoded protein is localized to the outer mitochondrial membrane and plays a role in mitochondrial trafficking and fusion-fission dynamics.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.9 kDa
AA Sequence	MRRDVRILLLGEAQVGKTSLLSLVGEEFPPEVPPRAEEITIPADVTPEKVPPTHIVDYS EAEQTDEELRE EIHKANVVCVVYDVSEEATIEKIRTKWIPLVNGGTTQGPRVPIILVG NKSDLRSGSSMEAVLPIMSQFPE IETCVECSAKNLRNISELFYYAQKAVLHPTAPLY DPEAKQLRPACAQALTRIFRLSDQDLQALSDEELN AFQKSCFGHPLAPQALEVDK TVVCRNVAGGVREDRLTLDGFLFLNTLFIQGRGRHETTWTILRRFGYSDAL ELTADYL SPLIHVPPGCSTELNHLGYQFVQRVFEKHDQDRDGALSPVELQSLFSVFPAAPWGP ELPRTVR TEAGRLPLHGYLCQWTLVTYLDVRSCLGHLGYLGYPTLCEQDQAHAITV TREKRLDQEKGQTQRSVLLCK VVGARGVGKSAFLQAFLGRGLGHQDTREQPPGY AIDTVQVNGQEKEYLILCEVGTDGLLATSLDATCDVAC LMFDGSDPKSFAHCASVYK

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HHYMDGQTPCLFVSSKADLPEGVAVSGPSAEFCRKHRLPAPVPFSCAGPA
EPSTTIFTQLATMAAFPHLVHAELHPSSFWLRGLLGVVGAAVAVALSFSLYRVLVKS
QTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	RHOT2 ras homolog family member T2 [Homo sapiens (human)]
Official Symbol	RHOT2
Synonyms	RASL; ARHT2; MIRO2; MIRO-2; C16orf39
Gene ID	89941
mRNA Refseq	NM_138769.3

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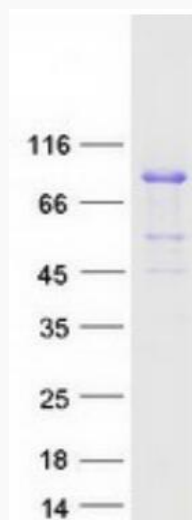
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Protein Refseq NP_620124.1

MIM 613889

UniProt ID Q8IXI1



Coomassie blue staining of purified RHOT2 protein.

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