

Recombinant Human RHOT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHOT2-4515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHOT2 MS Standard C13 and N15-labeled recombinant protein (NP_620124) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	68.1 kDa
AA Sequence	MRRDVRILLLGEAQVGKTSLLSLVGEEFPPEVPPRAEEITIPADVTPEKVPPTHIVDYS EAEQTDEELREEIHKANVVCVVYDVSEEATIEKIRTKWIPLVNGGTTQGPRVPIILVGN KSDLRSGSSMEAVLPIMSQFPEIETCVECSAKNLRNISELFYYAQKAVLHPTAPLYDP EAKQLRPACAQALTRIFRLSDQDLQALSDEELNAFQKSCFGHPLAPQALEDVKTVV CRNVAGGVREDRLTLDGFLFLNTLFIQRGRHETTWTILRRFGYSDALELTADYLSPLI HVPPGCSTELNHLGYQFVQRVFEKHDQDRDGALSPVELQSLFSVFPAPWGPPELP RTVRTEAGRLPLHGYLCQWTLVTYLDVRSCLGHLGYLGYPTLCEQDQAHAITVTRE KRLDQEKGTQRSVLLCKVVGARGVGKSAFLQAFLGRGLGHQDTREQPPGYAIDT VQVNGQEKYLILCEVGTDGLLATSLDATCDVACLMFDGSDPKSFAHCASVYKHHYM DGQTPCLFVSSKADLPEGVAVSGPSPAEFCKRHRLPAPVPFSCAGPAEPSTTIFTQL

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ATMAAFPHLVHAELHPSSFWLRGLLGVVGAAVAVALSFSLYRVLVKSQTRTRPLEQ
KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RHOT2 ras homolog family member T2 [Homo sapiens (human)]

Official Symbol RHOT2

Synonyms RHOT2; ras homolog family member T2; ARHT2, C16orf39, chromosome 16 open reading frame 39, ras homolog gene family, member T2; mitochondrial Rho GTPase 2; MIRO 2; mitochondrial Rho (MIRO) GTPase 2; ras homolog gene family, member T2; RASL; ARHT2; MIRO2; MIRO-2; C16orf39;

Gene ID 89941

mRNA Refseq NM_138769

Protein Refseq NP_620124

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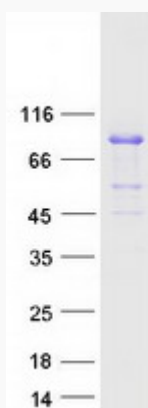
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MIM 613889

UniProt ID Q8IXI1

SDS-PAGE



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