

Product datasheet for PH304823

MIRO2 (RHOT2) (NM_138769) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RHOT2 MS Standard C13 and N15-labeled recombinant protein (NP_620124)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204823
Predicted MW:	68.1 kDa
Protein Sequence:	>RC204823 protein sequence Red=Cloning site Green=Tags(s)

MRRDVRILLLGEAQVGKTSLLILSLVGEFPEEVPRAEEITIPADVTPPEKVPTHIVDYSEAEQTDEELRE
EIHKANVVCVVDYVSEETIEKIRTKWIPLVNGGTTQGPVPIILVGNKSDLRSGSSMEAVLPIMSQFPE
IETCVECSAKNLRNISELFYYAQKAVLHPTAPLYDPEAKQLRPACAQALTRIFRLSDQDLQALSDEELN
AFQKSCFGHPLAPQALEDVKTVVCRNVAGGVREDRLTLDGFLFLNTLFIQRGRHETTWTILRRFGYSDAL
ELTADYLSPLIHVPPGCSTELNHLGYQFVQRVFEKHDQDRDGALSPVELQSLFSVFPAAPWGPPELPRTVR
TEAGRLPLHGYLCQWTLVTYLDVRSCLGHLGYPTLCEQDQAHAITVTREKRLDQEKGTQRSVLLCK
VVGARGVGKSAFLQAFGRGLGHQDTREQPPGYAIDTVQVNGQEKYLILCEVGTGDLATSLDATCDVAC
LMFDGSDPKSFAHCASVYKHHYMDGQTPCLFVSSKADLPEGVAVSGPSPAFCRKHRLPAPVPFSCAGPA
EPSTTIFITQLATMAAFPHLVHAELHPSSFWRGLLGVVGAAVAVALSFSLYRVLVKSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_620124
RefSeq Size:	2556
RefSeq ORF:	1854



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Synonyms: ARHT2; C16orf39; MIRO-2; MIRO2; RASL

Locus ID: 89941

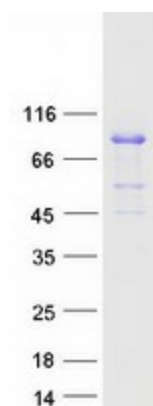
UniProt ID: [Q8IXI1](#)

Cytogenetics: 16p13.3

Summary: 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. [provided by RefSeq, Nov 2011]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified RHOT2 protein (Cat# [TP304823]). The protein was produced from HEK293T cells transfected with RHOT2 cDNA clone (Cat# [RC204823]) using MegaTran 2.0 (Cat# [TT210002]).