

## Product datasheet for TP304823M

### MIRO2 (RHOT2) (NM\_138769) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ras homolog gene family, member T2 (RHOT2), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204823 protein sequence Red=Cloning site Green=Tags(s)

MRRDVRILLLGEAQVGKTSLILSLVGEEFPPEEVPRAEEITIPADVTPKVPPTHIVDYSEAEQTDEELRE  
EIHKANVVCVYDVSEETIEKIRTKWIPLVNGGTTQGPRVPIILVGNKSDLRSGSSMEAVLPIMSQFPE  
IETCVECSAKNLRNISELFYQAQKAVLHPTAPLYDPEAKQLRPACAQALTRIFRLSDQDLQALSDEELN  
AFQKSCFGHPLAPQALEDVKTVCVCRNVAGGVREDRLTLDGFLFLNTLFIQRGRHETTWTILRRFGYS DAL  
ELTADYLSPLIHVPPGCSTELNHLGYQFVQRVFEKHDQDRDGALSPVELQSLFSVFPAAWGPPELPRTVR  
TEAGRLPLHGYLCQWTLVYLDVRSCLGHLGYLGYPTLCEQDQAHAITVTRKRLDQEKGQTRQSVLLCK  
VVGARGVGKSAFLQAFLLGRGLGHQDTREQPPGYAIDTVQVNGQEKYLILCEVGTDGLLATS DATCDVAC  
LMFDGSDPKSFAHCASVYKHHYMDGQTPCLFVSSKADLPEGVAVSGPSPAEFCRKHRLPAPVPFSCAGPA  
EPSTTIFTQLATMAAFPHLVHAELHPSSFVWLRGLLGVGAAVA AVLSFSLYRVLVKSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_620124</a>
<b>Locus ID:</b>	89941
<b>UniProt ID:</b>	<a href="#">Q8IXI1</a>
<b>RefSeq Size:</b>	2556
<b>Cytogenetics:</b>	16p13.3
<b>RefSeq ORF:</b>	1854
<b>Synonyms:</b>	ARHT2; C16orf39; MIRO-2; MIRO2; RASL
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).