Recombinant Human RHOT2 protein, His-tagged

Cat. No. RHOT2-3866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHOT2 protein(319-618 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	319-618 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DRDGALSPVELQSLFSVFPAAPWGPELPRTVRTEAGRLPLHGYLCQWTLVTYLDVR SCLGHLGYLGYPTLCEQDQAHAITVTREKRLDQEKGQTQRSVLLCKVVGARGVGKS AFLQAFLGRGLGHQDTREQPPGYAIDTVQVNGQEKYLILCEVGTDGLLATSLDATCD VACLMFDGSDPKSFAHCASVYKHHYMDGQTPCLFVSSKADLPEGVAVSGPSPAEF CRKHRLPAPVPFSCAGPAEPSTTIFTQLATMAAFPHLVHAELHPSSFWLRGLLGVVG AAVAAVLSFSLYRVLVKSQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	RHOT2 ras homolog family member T2 [Homo sapiens]
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
MIM	613889
UniProt ID	Q8IXI1

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