

Recombinant Human MTCH1 protein, His-tagged

Cat. No. MTCH1-5643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTCH1 protein(123-231 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	123-231 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	VDGKIGLFRGLSPRLMSNALSTVTRGSMKKVFPPDEIEQVSNKDDMKTSLKKVVKET SYEMMMQCVSRMLAHLHLVISMRCMVQFVGREAKYSGVLSSIGKIFKEEGLL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	MTCH1 mitochondrial carrier 1 [Homo sapiens]
Official Symbol	MTCH1
Synonyms	MTCH1; mitochondrial carrier 1; mitochondrial carrier homolog 1 (C. elegans); mitochondrial carrier homolog 1; CGI 64; PSAP; SLC25A49; solute carrier family 25; member 49; presenilin-associated protein; solute carrier family 25, member 49; cell proliferation-inducing protein 60; PIG60; CGI-64; MGC131998;
Gene ID	23787
mRNA Refseq	NM_014341
Protein Refseq	NP_055156
MIM	610449
UniProt ID	Q9NZJ7

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SDS-PAGE

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