

Recombinant Human TRMU protein, His-tagged

Cat. No. TRMU-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRMU protein(1-267 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-267 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	MKKSLSRSTLRSPKGFSEIGLKLEMVSQDALRRTIFPLGGLTKEFVKKIAAENRLHHV LQKKESMGMCFIGKRNFEHFLLQYLQPRPGHFISIEDNKVLGTHKGWFLYTLGQRAN IGGLREPWYVVEKDSVKGDVFVAPRTDHPALYRDLLRTSRVHWIAEPPAALVRDK MMECHFRFRHQMALVPCVLTNLQDGTVWVTAVQAVRALATGQFAVFYKGDECLGS GKILRLGPSAYTLQKGQRRAGMATESPSDSPEDGPGLSPLL
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.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/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 [TRMU tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase \[Homo sapiens \]](#)

Official Symbol [TRMU](#)

Synonyms

TRMU; tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase; TRMT, tRNA (5 methylaminomethyl 2 thiouridylate) methyltransferase; mitochondrial tRNA-specific 2-thiouridylase 1; FLJ10140; MTO2; MTO2 homolog; mitochondrial 5-methylaminomethyl-2-thiouridylate-methyltransferase; MTU1; TRMT; TRMT1; TRNT1; MGC99627;

Gene ID [55687](#)

mRNA Refseq [NM_018006](#)

Protein Refseq [NP_060476](#)

MIM [610230](#)

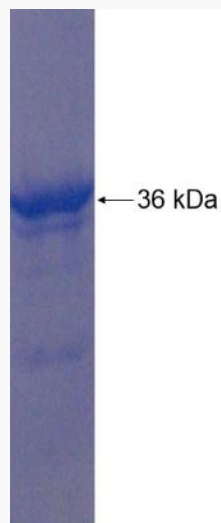
UniProt ID [O75648](#)

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SDS-PAGE



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