

## Recombinant Human TRMU protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRMU protein(1-267 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-267 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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.
<b>AASequence</b>	MKKSLSRSTLRSPKGFSEIGLKLEMVSQDALRRTIFPLGGLTKEFVKKIAAENRLHHV LQKKESMGMCFIGKRNFHFLLQYLQPRPGHFISIEDNKVLGTHKGWFLYTLGQRAN IGGLREPWYVVEKDSVKGDVVFAPRTDHPALYRDLLRTSRVHWIAEPPAALVRDK MMECHFRFRHQMALVPCVLTNLQDGTVWVTAVQAVRALATGQFAVFYKGDDECLGS GKILRLGPSAYTLQKGQRRAGMATESPSDSPEDGPGLSPLL
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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](#)

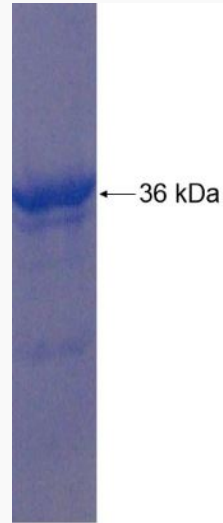
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SDS-PAGE



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