

Recombinant Human RPUSD1, His-tagged

Cat. No. RPUSD1-30770TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-312 of Human RPUSD1 with N terminal His tag; Predicted MWt 36 kDa.
Species	Human
Source	E.coli
ProteinLength	1-312 a.a.
Description	RPUSD1 belongs to the pseudouridine synthase rluA family. Pseudouridine synthases are responsible for synthesis of pseudouridine from uracil.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 130 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MEPGSVENLSIVYRSRDFLVVNKHWDVRIDSKAWRETTLT QKQLRYRFPELADPDT CYGFRFCHQLDFSTSGALCVAL NAAAAGSAYRCFKERRVTKAYLALLRGHIQESRV TISH AIGRNSTEGRAHTMCIEGSQGCENPKPSLTDLVVLEHG LYAGDPVSKVLLKPL TGRTHQLRVHCSALGHPVVGDLTYG EVSGREDRPFMRMLHAFYLRIPDTECVEV

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CTPDPFLP SLDACWSPHTLLQSLDQLVQALRATPDPPDPEDRGPRPG SPSALLPGP
GRPPPPPTKPPETEAQRGPCLQWLSEWTL EPDS

Full Length Full L.

GENE INFORMATION

Gene Name [RPUSD1 RNA pseudouridylate synthase domain containing 1 \[Homo sapiens \]](#)

Official Symbol [RPUSD1](#)

Synonyms RPUSD1; RNA pseudouridylate synthase domain containing 1; C16orf40, chromosome 16 open reading frame 40; RNA pseudouridylate synthase domain-containing protein 1; MGC19600; RLUC1;

Gene ID [113000](#)

mRNA Refseq [NM_058192](#)

Protein Refseq [NP_478072](#)

Uniprot ID [Q9UJJ7](#)

Chromosome Location 16p13.3

Function RNA binding; molecular_function; pseudouridine synthase activity;

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