

## Recombinant Human RPUSD1, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-312 of Human RPUSD1 with N terminal His tag; Predicted MWt 36 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-312 a.a.
<b>Description</b>	RPUSD1 belongs to the pseudouridine synthase rluA family. Pseudouridine synthases are responsible for synthesis of pseudouridine from uracil.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 130 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MEPGSVENLSIVYRSRDFLVVNKHWDVRIDSKAWRETLTL QKQLRYRFPELADPDT CYGFRFCHQLDFSTSGALCVAL NAAAAGSAYRCFKERRVTKAYLALLRGHIQESRV TISH AIGRNSTEGRAHTMCIEGSQGCENPKPSLTDLVVLEHG LYAGDPVSKVLLKPL TGRTHQLRVHCSALGHPVVGDLTYG EVSGREDRPFMMLHAFYLRIPDTECVEV

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CTPDPFLP SLDACWSPHTLLQSLDQLVQALRATPDPDPEDRGPRPG 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; RLUCL;

**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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