

Pseudouridylate Synthase 1 Recombinant Protein | PUS1 recombinant protein

Recombinant Pseudouridylate Synthase 1 (PUS1)

CATALOG # AAA145414	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Pseudouridylate Synthase 1; Recombinant Pseudouridylate Synthase 1 (PUS1); MLASA; tRNA pseudouridine(38-40) synthase; tRNA pseudouridine synthase A; mitochondrial; tRNA-uridine isomerase I; PUS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	MGLQLRALLG AFGRWTLRLG PRPSCSPRMA GNAEPPAGA ACPQDRRSCS GRAGGDRWWE DGEHPAKKLK SGGDEERREK PPKRKIVLLM AYSKGKYHGM QRNVGSSQFK TIEDDLVSAL VRSGCIPENH GEDMRKMSFQ RCARTDKGVS AAGQVVSLKV WLIDDILEKI NSHLPISHIRI LGLKRVTTGGF NSKNRCDART YCYLLPTFAF AHKDRDVQDE TYRLSAETLQ QVNRLACYK GTHNFHNFTS QKGPQDPSAC RYILEMYCEE PFVREGLEFA VIRVKGQSFM MHQIRKMVGL VVAIVKGYAP ESVLERSWGT EKVDVPKAPG LGLVLERVHF EKYNQRFQND GLHEPLDWAQ EEGKVAAFKE EHIYPTIIGT ERDERSMAQW LSTLPIHNFS ATALTAGGTG AKVPSPLEGS EGDGD TD
Applicable Applications for PUS1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Asp427
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
Usage	Reconstitute in ddH ₂ O to a concentration of 0-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	94466377
NCBI GeneID	80324
Molecular Weight	Predicted Molecular Mass: 51.2kDa Accurate Molecular Mass: 51kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Pseudouridylate synthase 1
NCBI Official Synonym Full Names	pseudouridylate synthase 1
NCBI Official Symbol	PUS1
NCBI Official Synonym Symbols	MLASA1
NCBI Protein Information	tRNA pseudouridine synthase A, mitochondrial
UniProt Protein Name	tRNA pseudouridine synthase A, mitochondrial
UniProt Gene Name	PUS1
UniProt Entry Name	TRUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pus1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145414>