Ribonuclease H Recombinant Protein | RNASEH recombinant protein

Recombinant Ribonuclease H (RNASEH)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150195	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Ribonuclease H; Recombinant Ribonuclease H (RNASEH); Rnase-H; RNASEH1; RNH1; Ribonuclease H type II; RNASEH recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for RNASEH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Asp286
Tags	N-terminal His and GST Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0-0.2 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

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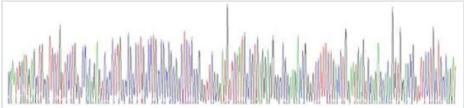
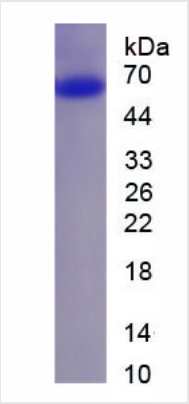
MSWLLFLAHR VALAALPCRR GSRGFGMFYA VRRGRKTGVF LTWNECRAQV
DRFPAARFKK FATEDEAWAF VRKSASPEVS EGHENQHGQE SEAKASKRLR
EPLDGDGHES AEPYAKHMKP SVEPAPPVSR DTFSYMGDFV VVYTDGCCSS
NGRRRPRAGI GVYWGPGHPL NVGIRLPGRQ TNQRAEIHAA CKAIEQAKTQ
NINKLVLYTD SMFTINGITN WVQGWKKNGW KTSAGKEVIN KEDFVALERL
TQGMDIQWMH VPGHSGFIGN EEADRLAREG AKQSED
```

Sequence
Immunogen Sequence



Sequence
Gene Sequencing

Identification



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for RNASEH recombinant protein	Enzyme & Kinase; Infection immunity; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359816
NCBI GeneID	246243
NCBI Accession #	NP_002927
NCBI GenBank Nucleotide #	NP_002927.2
UniProt Accession #	O60930
Molecular Weight	Predicted Molecular Mass: 62.1kDa Accurate Molecular Mass: 62kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	ribonuclease H1 isoform 1
NCBI Official Synonym Full Names	ribonuclease H1
NCBI Official Symbol	RNASEH1
NCBI Official Synonym Symbols	RNH1; H1RNA; PEOB2
NCBI Protein Information	ribonuclease H1
UniProt Protein Name	Ribonuclease H1
UniProt Gene Name	**RNASEH1**
UniProt Synonym Gene Names	RNH1; RNase H1
UniProt Entry Name	RNH1_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://www.aaabiotech.com/rnaseh1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150195