

Ribonuclease H1 (RNASEH1) Recombinant Protein | RNASEH1 recombinant protein

Recombinant Human Ribonuclease H1 (RNASEH1)

CATALOG # AAA18562	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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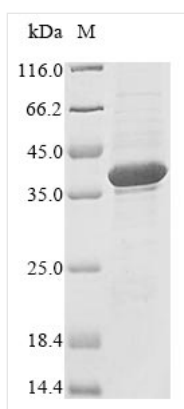
PRODUCT SYNONYMS

Ribonuclease H1 (RNASEH1); Recombinant Human Ribonuclease H1 (RNASEH1); RNASEH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-286. Full Length
Sequence	MSWLLFLAHR VALAALPCRR GSRGFGMFYA VRRGRKTGVF LTWNECRAQV DRFPAARFKK FATEDEAWAF VRKSASPEVS EGHENQHGE SEAKASKRLR EPLDGDGHES AEPYAKHMKP SVEPAPPVSR DTFSYMGDFV VVYTDGCCSS NGRRRRPRAGI GYYWGPGLPL NVGIRLPGRQ TNQRAEIHAA CKAIEQAKTQ NINKLVLYTD SMFTINGITN WVQGWKKNGW KTSAGKEVIN KEDFVALERL TQGMIDIQWMH VPGHSGFIGN EEADRLAREG AKQSED
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RNASEH1 recombinant protein	Endonuclease that specifically degrades the RNA of RNA-DNA hybrids (PubMed:10497183). Plays a role in RNA polymerase II (RNAP II) transcription termination by degrading R-loop RNA-DNA hybrid formation at G-rich pause sites located downstream of the poly(A) site and behind the elongating RNAP II
Product Categories/Family for RNASEH1 recombinant protein	Epigenetics and Nuclear Signaling

References	"Human senataxin resolves RNA DNA hybrids formed at transcriptional pause sites to promote Xrn2-dependent termination." Skourti-Stathaki K., Proudfoot N.J., Gromak N. Mol. Cell 42:794-805(2011)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21359816
NCBI GeneID	246243
NCBI Accession #	NP_002927.2
NCBI GenBank Nucleotide #	NM_002936.5
UniProt Accession #	O60930; O60523; O60857; Q57Z93; Q5U0C1; Q6FHD4; B3KQU4
Molecular Weight	37.6 kDa
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

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/18562>