

Ribonuclease A (RNASE1) Recombinant Protein | RNASE1 recombinant protein

Recombinant Ribonuclease A (RNASE1)

CATALOG # AAA134110	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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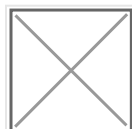
PRODUCT SYNONYMS

Ribonuclease A (RNASE1); Recombinant Ribonuclease A (RNASE1); RNASE1 recombinant protein

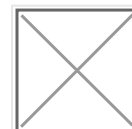
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-AA KFERQHMDSS TSAASSSNYC NQMMKSRNLT KDRCKPVNTF VHESLADVQA VCSQKNVACK NGQTNCYQSY STMSITDCRE TGSSKYPNCA YKTTQANKHI IVACEGNPYV PVHFDASV
Sequence Length	150
Applicable Applications for RNASE1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Bos taurus; Bovine (Cattle)
Expression System	Prokaryotic expression
Residues	Ala31~Val150 (Accession # P61823) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	68299789
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NCBI GeneID	282340
NCBI Accession #	NP_001014408.2
NCBI GenBank Nucleotide #	NM_001014386.4
UniProt Accession #	P61823; P00656; Q9TSF2; A6QPW8
Molecular Weight	17.1kDa
NCBI Official Full Name	ribonuclease pancreatic
NCBI Official Synonym Full Names	ribonuclease, RNase A family, 1 (pancreatic)<
NCBI Official Symbol	RNASE1
NCBI Official Synonym Symbols	RNS1
NCBI Protein Information	ribonuclease pancreatic; RNase 1; RNase A; ribonuclease A (pancreatic)
UniProt Protein Name	Ribonuclease pancreatic
UniProt Gene Name	RNASE1
UniProt Synonym Gene Names	RNS1
UniProt Entry Name	RNAS1_BOVIN

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/rnase1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134110>