

Ribonuclease A2 (RNASE2) Recombinant Protein | RNASE2 recombinant protein

Recombinant Ribonuclease A2 (RNASE2)

CATALOG # AAA148340	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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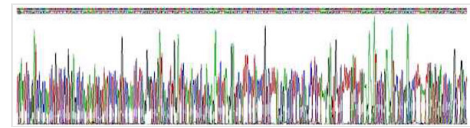
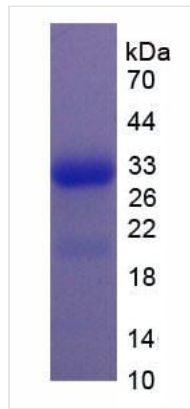
PRODUCT SYNONYMS

Ribonuclease A2 (RNASE2); Recombinant Ribonuclease A2 (RNASE2); RNASE2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	10 mM HEPES, 150mM NaCl, 3mM EDTA, 0.05% Tween20(pH 7.4) 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for RNASE2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys28-Ile161
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Lysosome, Cytoplasm
Predicted isoelectric point	9.2
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°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°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



Gene Sequence
Gene Sequencing (extract

SDS-PAGE

TNAMQVINNY QRRCKNQTF LLTTFANVVN VCGNPNTCP SNKTRKNCHH
SGSQVPLIHC NLTPSPQNI SNCRYAQTPA NMFYIVACDN RDQRDPQY
PVVPVHLDRI I

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for RNASE2 recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506549
NCBI GeneID	6036
NCBI Accession #	NP_002925.1
NCBI GenBank Nucleotide #	NM_002934.2
UniProt Accession #	P10153; Q52M39; Q9H2B7; Q9UCG7
Molecular Weight	Predicted Molecular Mass: 29.2kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	non-secretory ribonuclease
NCBI Official Synonym Full Names	ribonuclease A family member 2
NCBI Official Symbol	RNASE2
NCBI Official Synonym Symbols	EDN; RAF3; RNS2
NCBI Protein Information	non-secretory ribonuclease
UniProt Protein Name	Non-secretory ribonuclease
UniProt Gene Name	RNASE2
UniProt Synonym Gene Names	EDN; RNS2; RNase 2

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/rnase2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148340>