

Ribonuclease P (RNASEP) Recombinant Protein | RNASEP recombinant protein

Recombinant Ribonuclease P (RNASEP)

CATALOG # AAA135493	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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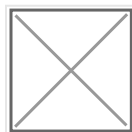
PRODUCT SYNONYMS

Ribonuclease P (RNASEP); Recombinant Ribonuclease P (RNASEP); RNASEP recombinant protein

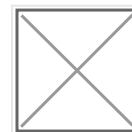
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-MD LSLNLDSKKY RRISWSFKEK KPLKFDLLA WHHTGTEEST MMSYFSKYQI REHQPKVALS TVRDLQCPVL QSSSLAGEPE EACNALEFFD WLGAVFCNAD LNNEPHNFIS TYCCPQPNTV AAQACLCIT GFVLPEKILV LLEQLCHYFD EPKLAPWVTL TVQGFAD
Sequence Length	303
Applicable Applications for RNASEP recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Met91~Asp259 (Accession # Q5BK64) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Nucleus, nucleolus
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.2
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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	61556813
NCBI GeneID	291071
NCBI Accession #	NP_001013073.1
NCBI GenBank Nucleotide #	NM_001013055.1
UniProt Accession #	Q5BK64
Molecular Weight	23.1kDa
NCBI Official Full Name	ribonuclease P protein subunit p40
NCBI Official Synonym Full Names	ribonuclease P/MRP 40 subunit
NCBI Official Symbol	Rpp40
NCBI Protein Information	ribonuclease P protein subunit p40; RNaseP protein p40; ribonuclease P 40 subunit
UniProt Protein Name	Ribonuclease P protein subunit p40
UniProt Gene Name	Rpp40
UniProt Synonym Gene Names	RNaseP protein p40
UniProt Entry Name	RPP40_RAT

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/rpp40-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135493>