

RNASE7 recombinant protein

RNASE7, 29-156aa, Human His tag, E Coli

CATALOG # AAA11825	HOST E Coli	APPLICATIONS SDS-Page
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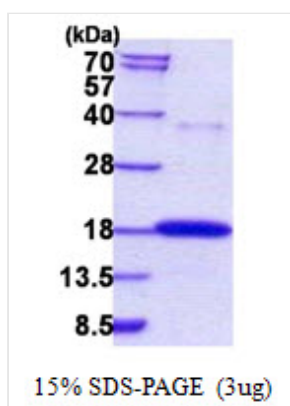
PRODUCT SYNONYMS

RNASE7; 29-156aa; Human His tag; E Coli; Ribonuclease RNase A family 7; Ribonuclease; RNase A family; 7; MGC133220; RNase 7; Ribonuclease 7; Skin-derived antimicrobial protein 2; RNASE7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 1mM DTT
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSKPKGMTS SQWFKIQHMQ PSPQACNSAM KNINKHTKRC KDLNTFLHEP FSSVAATCQT PKIACKNGDK NCHQSHGPVS LTMCKLTSGK YPNCRYKEKR QNKSYVVACK PPQKKDSQQF HLVPVHLDRV L
Sequence Length	156
Applicable Applications for RNASE7 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	29-156aa
Preparation and Storage	For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3 ug SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for RNASE7 recombinant protein	RNASE7 is one of the final RNase A superfamily ribonucleases. It was isolated from skin-derived stratum corneum. This protein exhibited potent ribonuclease activity and thus may contribute to the well known ribonuclease activity of human skin. It revealed broad spectrum antimicrobial activity against many pathogenic microorganisms and remarkably potent activity against a vancomycin-resistant Enterococcus faecium. Recombinant human RNASE7 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for RNASE7 recombinant protein	Epigenomics
References	Zhang J. et al. (2003) Nucleic Acids Res. 31:602-607; Harder J. et al. (2002) J Biol Chem. 277:46779-46784.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211885
NCBI GeneID	84659
NCBI Accession #	NP_115961.1
NCBI GenBank Nucleotide #	NM_032572.2
Molecular Weight	16.9 kDa (151aa) confirmed by MALDI-TOF
NCBI Official Full Name	ribonuclease, RNase A family, 7
NCBI Official Synonym Full Names	ribonuclease A family member 7
NCBI Official Symbol	RNASE7
NCBI Official Synonym Symbols	RAE1
NCBI Protein Information	ribonuclease 7
UniProt Protein Name	Ribonuclease 7
UniProt Gene Name	RNASE7
UniProt Synonym Gene Names	RNase 7; SAP-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.