

Ribonuclease 3 Recombinant Protein | RNASE3 recombinant protein

Recombinant Human Ribonuclease 3

CATALOG # AAA39036	HOST E Coli
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PRODUCT SYNONYMS

Ribonuclease 3; Recombinant Human Ribonuclease 3; RNASE3 Human; Ribonuclease 3 Human Recombinant; ECP; RNS3; Eosinophil cationic protein; RNASE3; RNASE3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The RNASE3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MRGSHHH HHHGMASMTG GQQMGRDLYD DDDKDRWGS MRPPQF TRAQWFAIQH ISLNPPRCTI AMRAINNYRW RCKNQNTFLR TTFANVVNVC GNQSIRCPHN RTLNNCHRSR FRVPLLHCDL INPGAQNISN CRYADRPGRR FYVVACDNRD PRDSPRYPVV PVHLDTTI
Sequence Length	160
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks.Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RNASE3 recombinant protein	Description: RNASE3 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 171 amino acids (28-160) and having a molecular mass of 19.9kDa. RNASE3 is fused to a 38 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Ribonuclease 3 (RNASE3) is cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. RNASE3 possesses a broad diversity of biological activities. RNASE3 protein has shown antibacterial activity such as cytoplasmic membrane depolarization of preferentially Gram-negative and Gram-positive strains and promotes E. coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content.
Product Categories/Family for RNASE3 recombinant protein	Enzymes; Nuclease

NCBI AND UNIPROT INFORMATION

NCBI GI #	45243507
NCBI GeneID	6037
NCBI Accession #	NP_002926.2
NCBI GenBank Nucleotide #	NM_002935.2
UniProt Accession #	P12724; Q4VBC1; Q8WTP7; Q8WZ62; Q9GZN9
Molecular Weight	18,385 Da
NCBI Official Full Name	eosinophil cationic protein

NCBI Official Synonym Full Names	ribonuclease, RNase A family, 3
NCBI Official Symbol	RNASE3
NCBI Official Synonym Symbols	ECP; RNS3
NCBI Protein Information	eosinophil cationic protein; RNase 3; cytotoxic ribonuclease; ribonuclease 3
UniProt Protein Name	Eosinophil cationic protein
UniProt Gene Name	RNASE3
UniProt Synonym Gene Names	ECP; RNS3; ECP; RNase 3
UniProt Entry Name	ECP_HUMAN

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/rnase3-recombinant-protein-e-coli/39036>