

32-2785: RNASE3 Recombinant Protein

Alternative Name : ECP,RNS3,Ribonuclease 3,Eosinophil cationic protein,RNASE3,RNASE3.

Description

Source : Escherichia Coli. 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. 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 Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RNASE3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°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.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS HMRP PQFTRAQWFA IQHISLNPPR CTIAMRAINN YRWRCKNQNT FLRTTFANVV NVCGNQSIRC PHNRTLNNCH RSRFRVPLLH CDLINPGAQN ISNCRYADRP GRRFYVACD NRDPRDSPRY PVVPVHLDTT I.