

RNASE3, 28-160 aa, Human, His tag, E.coli

Cat.NO.: TP03745

3th Edition

Synonyms:Eosinophil cationic protein, ECP; RNS3, Ribonuclease 3

Description:RNASE3 is cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. It possesses a wide variety of biological activities. This protein exhibits antibacterial activity, including cytoplasmic membrane depolarization of preferentially Gram-negative, but also Gram-positive strains and promotes E. coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:19.9 kDa (171aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS HMRPPQFTRAQWF AIQHISLNPPRCTIAMRAINNYR
WRCKNQNTFLRTTFANVVNVCGNQSIRCPHNRTLNNCHRSRFRVPLLHCDLINPGAQNISNCRYADRPGRRFYVV
ACDNRDPRDSPRYPVVPVHLDTTI

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.