

AR50633PU-S

Human RNASE3 (28-160, His-tag) - Purified

Alternate names:	ECP, Eosinophil cationic protein, RNS3, RNase 3, Ribonuclease 3
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P12724
NCBI:	AAH96060
GeneID:	6037
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	Recombinant human RNASE3 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MRGSHHHHHH GMASMTGGQO MGRDLYDDDD KDRWGSIMRP PQFTRAQWFA IQHISLNPPR CTIAMRAINN YRWRCKNQNT FLRTTFANVV NVCNQSIRC PHNRTLNNCH RSRFRVPLLH CDLINPGAQN ISNCRYADRP GRRFYVVACD NRDPDRSPRY PVVPVHLDTT I Molecular weight: 19.9 kDa (171aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Adu B, Dodoo D, Adukpo S, et al. (2011). PLoS One. 6(12):e29465. Torrent M, Nogués MV, Boix E, et al. (2011). J Mol Recognit. 24(1):90-100.

Pictures:

