

Recombinant Human RNASE1

Catalog No: #GP13495



Package Size: #GP13495-1 100ug

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Description

Product Name	Recombinant Human RNASE1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 29-156 amino acids of human RNASE1
Target Name	ribonuclease A family member 1, pancreatic
Other Names	RAC1; RIB1; RNS1
Accession No.	Swissprot:P07998Gene Accession:BC005324
Uniprot	P07998
GeneID	6035;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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