Recombinant Human RNASE7 protein, GST-tagged

Cat. No. RNASE7-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE7(1 a.a. - 156 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-156 a.a.
Description	The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein has broad-spectrum antimicrobial activity against bacteria and fungi.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	43.9 kDa
AA Sequence	MAPARAGFCPLLLLLLLGLWVAEIPVSAKPKGMTSSQWFKIQHMQPSPQACNSAMK NINKHTKRCKDLNTFLHEP FSSVAATCQTPKIACKNGDKNCHQSHGPVSLTMCKLT SGKYPNCRYKEKRQNKSYVVACKPPQKKDSQQFHLVPV HLDRVL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RNASE7 ribonuclease, RNase A family, 7 [Homo sapiens]
Official Symbol	RNASE7
Synonyms	RNASE7; ribonuclease, RNase A family, 7; ribonuclease 7; SAP-2; RNase 7; skin-derived antimicrobial protein 2; MGC133220;
Gene ID	84659
mRNA Refseq	NM_032572
Protein Refseq	NP_115961
MIM	612484
UniProt ID	Q9H1E1
Chromosome Location	14q11.1
Function	endonuclease activity; hydrolase activity; nucleic acid binding; pancreatic ribonuclease activity; ribonuclease activity;

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