

Recombinant Human RNASE2 Protein, His&SUMO-tagged

Cat. No. RNASE2-1210H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE2 Protein (Lys28-Ile161) with His&SUMO tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys28-Ile161
Description	The protein encoded by this gene is a non-secretory ribonuclease that belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein antimicrobial activity against viruses.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.2 kDa; Accurate Molecular Mass: 32 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

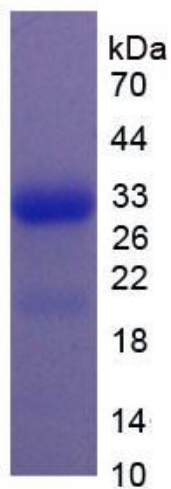
GENE INFORMATION

Gene Name	RNASE2 ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) [Homo sapiens (human)]
Official Symbol	RNASE2
Synonyms	RNASE2; ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin); RNS2; non-secretory ribonuclease; EDN; RNase 2; RNase Upl-2; ribonuclease 2; ribonuclease US; eosinophil-derived neurotoxin;
Gene ID	6036
mRNA Refseq	NM_002934
Protein Refseq	NP_002925
MIM	131410
UniProt ID	P10153

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