

Recombinant Human RNASE2 Protein (28-161 aa), His-tagged

Cat. No. RNASE2-779H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE2 Protein (28-161 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	28-161 aa
Description	This is a non-secretory ribonuclease. It is a pyrimidine specific nuclease with a slight preference for U. Cytotoxin and helminthotoxin. Selectively chotactic for dendritic cells. Possesses a wide variety of biological activities.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	19.5 kDa
AA Sequence	KPPQFTWAQWFETQHINMTSQQCTNAMQVINNYQRRCKNQNTFLLTTFANVVNVC GNPNMTCPSNKTRKNCHHSGSQVPLIHCNLTTPSPQNISNCRYAQTPANMFYIVAC DNRDQRRDPPQYPVVPVHLDRII
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name

RNASE2 ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) [Homo sapiens]

Official Symbol

[RNASE2](#)

Synonyms

RNASE2; RNS2; EDN; RNase 2; RNase Upl-2; ribonuclease 2; ribonuclease US;

Gene ID

[6036](#)

mRNA Refseq

[NM_002934](#)

Protein Refseq

[NP_002925](#)

MIM

[131410](#)

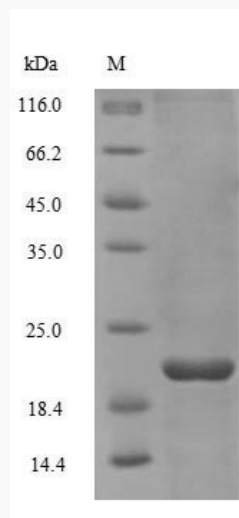
UniProt ID

[P10153](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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