

Recombinant Human RNASEL protein, His-tagged

Cat. No. RNASEL-36H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASEL Protein (Ile358-His583) is produced by E. coli expression system. This protein is fused with a His tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	Ile358-His583
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Molecular Mass	27.2 kDa
AA Sequence	IGK LKFFIDEKYK IA DTSEGGIY LGFYEQEVA VKT FCEGSPR AQREVS C LQS SRENSHLVTF YGSESHRGHL FVCVTLCEQT LEACLDVHRG EDVENEDEF ARNVLSSIFK AVQELHLSCG YTHQDLQPQN ILIDSKKAAH LADFDKSIKW AGDPQEVKRD LEDLGRVLVLY VVKKGSISFE DLKAQSNEEV VQLSPDEETK DLIHRLFHPPG EHVRDCLSDL LGH
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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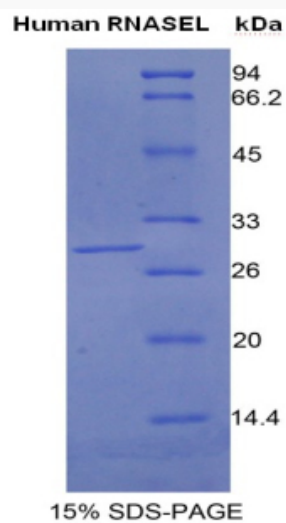
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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48 h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4
GENE INFORMATION	
Gene Name	RNASEL ribonuclease L (2,5-oligoadenylate synthetase-dependent) [Homo sapiens]
Official Symbol	RNASEL
Synonyms	RNASEL; RNS4; PRCA1; MGC104972; MGC133329; DKFZp781D08126;
Gene ID	6041
mRNA Refseq	NM_021133
Protein Refseq	NP_066956
MIM	180435
UniProt ID	Q05823

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