



# Recombinant Human 2-5A-dependent ribonuclease (RNASEL)

<b>Product Code</b>	CSB-YP313223HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q05823
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MESRDHNNPQ EGPTSSSGRR AAVEDNHLI KAVQNEVDL VQQLLEGGAN VNFQEEEGGW TPLHNAVQMS REDIVELLR HGADPVLRRK NGATPFILAA IAGSVKLLKL FLSKGADVNE CDFYGFTAAM EAAVYGKVKVKA LKFLYKRGAN VNLRRKTKED QERLRKGGAT ALMDAAEKGH VEVLKILLDE MGADVACDN MGRNALIHAL LSSDDSDVEA ITHLLLDHGA DVNVRGERGK TPLILAVEKK HLGLVQRLLE QEHIEINDTD SDGKTALLA VELKLKIAE LLCKRGASTD CGDLVMTARR NYDHSLVKVL LSHGAKEDFH PPAEDWKPQS SHWGAALKDL HRIYRPMIGK LKFFIDEKYK IADTSEGGIY LGFYEKQEVA VKTFCEGSPR AQREVSLQS SRENSHLVTF YGSESHRGHL FVCVTLCEQT LEACLDVHRG EDVENEDEF ARNVLSSIFK AVQELHLSCG YTHQDLQPQN ILIDSKKAAH LADFDKSIKW AGDPQEVKRD LEDLGRVLVY VVKKGSISFE DLKAQSNEEV VQLSPDEETK DLIHRLFHPG EHVRDCLSDL LGHPFFWTWE SRYRTLNRVNG NESDIKTRKS ESEILRLLQP GPSEHSKSFV KWTTKINECV MKKMNKFYEK RGNFYQNTVG DLLKFIRNLG EHIDEKHKK MKLKIGDPSL YFQKTFPDLV IYVYTKLQNT EYRKHFQTH SPNKPQCDGA GGASGLASPG C
<b>Source</b>	Yeast
<b>Target Names</b>	RNASEL
<b>Protein Names</b>	Recommended name: 2-5A-dependent ribonuclease Short name= 2-5A-dependent RNase EC= 3.1.26.- Alternative name(s): Ribonuclease 4 Ribonuclease L Short name= RNase L
<b>Expression Region</b>	1-741
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.