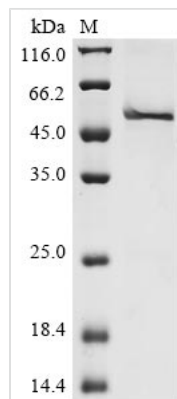




# Recombinant Human Ribonuclease inhibitor (RNH1)

<b>Product Code</b>	CSB-EP019901HUb1
<b>Abbreviation</b>	Recombinant Human RNH1 protein
<b>Storage</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.
<b>Uniprot No.</b>	P13489
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	SLDIQSLDIQCEELSDARWAEELLPLQQCQVVRLLDDCGLTEARCKDISSALRVN PALAELNLRNELGDVGVCVLQGLQTPSCKIQKLSLQNCCLTGAGCGVLSST LRTLPTLQELHLSNLLGDAGLQLLCEGLLDQPQRLEKLQLEYCSLSAASCEPL ASVLRAPDFKELTVSNNDINEAGVRVLCQGLKDSPCQLEALKLESCGVTSDN CRDLCGIVASKASLRELALGSNKLGDVGMAELCPGLLHPSSRLRTLWIWECGI TAKGCGDLRCVLRAKESLKELSLGNELGDEGARLLCETLLEPGCQLESLSWVK SCSFTAACCSHFSSVLAQNRFLLELQISNNRLEDAGVRELCQGLGQPGSVLRV LWLADCDVSDSSCSLAATLLANHSLRELDLSNNCLGDAGILQLVESVRQPGC LLEQLVLYDIYWSEEMEDRLQALEKDKPSLRVIS
<b>Research Area</b>	Cardiovascular
<b>Source</b>	E.coli
<b>Target Names</b>	RNH1
<b>Expression Region</b>	2-461aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	57.3 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



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

## Description

Dive into the world of cardiovascular research with our Recombinant Human RNH1 protein, a key component for understanding the function and regulation of ribonucleases. As a ribonuclease inhibitor (Placental ribonuclease inhibitor; Placental RNase inhibitor), RNH1 is crucial for the inhibition of ribonucleases, preserving RNA integrity and regulating various cellular processes. Its role in modulating ribonuclease activities makes it a significant protein in the field of cardiovascular research.

Our Recombinant Human RNH1 protein is expressed in E.coli, providing a full length of mature protein (2-461aa) with native folding and functionality. N-terminal 10xHis-tagged and C-terminal Myc-tagged, this protein allows for efficient purification and detection. With a purity greater than 85% as determined by SDS-PAGE, our Recombinant Human RNH1 protein ensures reliable and consistent results in your research projects. Available in both liquid and lyophilized powder forms, our Recombinant Human RNH1 protein is the perfect choice for advancing your cardiovascular investigations.

## Reconstitution

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.

## Shelf Life

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.