

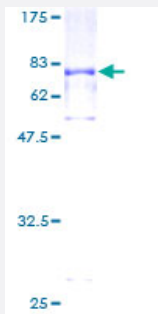
Full-Length

RNH (Human) Recombinant Protein (P01)

Catalog # H00006050-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RNH full-length ORF (AAH11500, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSLDIQSLDIQCEELSDARWAEELLPLQQCQVVRLLDDCGLTEARCKDISSALRVNPALAEINLRS
NELGDVGVCVHLQGLQTPSCKIQKLSLQNCCLTGAGCGVLSSTLRTPQLQELHLSNLLGDAGL
QLLCEGLLDPPQCRLEKLQLEYCSLSAASCEPLASVLRKPDFKELTVSNNDINEAGVRVLCQGLK
DSPCQLEALKLESCGVTSNCRDLGCVASKASLRELALGSNKLGDVGMAELCPGLLHPSSRLR
TLWIWECGITAKGCGDLRCVLRKESLKELSLAGNELGDEGARLLCETLLEPGCQLESLLWKSC
SFTAACCSHFSSVLAQNRFLLELQISNNRLEDAGVRELQQLGQPGSVLRVWLADCDVSDSSC
SSLAATLLANHSLRELDLSNNCLGDAGILQLVESVRQPGCLLEQLVLYDIWSEEMEDRLQALEK
DKPSLRVIS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.45

Interspecies Antigen Sequence

Mouse (74); Rat (75)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RNH1

Entrez GeneID	6050
GeneBank Accession#	BC011500
Protein Accession#	AAH11500
Gene Name	RNH1
Gene Alias	MGC18200, MGC4569, MGC54054, RAI, RNH
Gene Description	ribonuclease/angiogenin inhibitor 1
Omim ID	173320
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000147628 Placental ribonuclease inhibitor ribonuclease/angiogenin inhibitor

Publication Reference

- [The Role of Ribonuclease 1 and Ribonuclease Inhibitor 1 in Acute Kidney Injury after Open and Endovascular Thoracoabdominal Aortic Aneurysm Repair.](#)

Elisabeth Zechendorf, Alexander Gombert, Tanja Bülow, Nadine Frank, Christian Beckers, Arne Peine, Drosos Kotelis, Michael J Jacobs, Gernot Marx, Lukas Martin.

Journal of Clinical Medicine 2020 Oct; 9(10):3292.

Application: Quant, Human, Serum

- [Plasma Autoantibodies against Heat Shock Protein 70, Enolase 1 and Ribonuclease/Angiogenin Inhibitor 1 as Potential Biomarkers for Cholangiocarcinoma.](#)

Rucksaken R, Pairojkul C, Pinlaor P, Khuntikeo N, Roytrakul S, Selmi C, Pinlaor S.

PLoS One 2014 Jul; 9(7):e103259.

Application: ELISA, WB-Re, Human, Plasma

Disease

- [Carcinoma](#)
- [Skin Neoplasms](#)