

Recombinant Human RNASEL protein, GST-tagged

Cat. No. RNASEL-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASEL(619 a.a. - 728 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	619-728 a.a.
Description	This gene encodes a component of the interferon-regulated 2-5A system that functions in the antiviral and antiproliferative roles of interferons. Mutations in this gene have been associated with predisposition to prostate cancer and this gene is a candidate for the hereditary prostate cancer 1 (HPC1) allele
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.84 kDa
AA Sequence	QPGPSEHSKSFDKWTTKINECVMMKMNKFYEKRGNFYQNTVGDLLKFIRNLGEHID EEKHKMKMLKIGDPSLYFQKTFPDLVIYVYTKLQNTTEYRKHFQTHSPNKPQCD
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name RNASEL ribonuclease L (2,5-oligoadenylate synthetase-dependent) [Homo sapiens]

Official Symbol RNASEL

Synonyms RNASEL; ribonuclease L (2,5-oligoadenylate synthetase-dependent); PRCA1, prostate cancer 1 , RNS4; 2-5A-dependent ribonuclease; RNase L; ribonuclease 4; 2-5A-dependent RNase; interferon-induced 2-5A-dependent RNase; 2,5-oligoadenylate synthetase-dependent; RNS4; PRCA1; MGC104972; MGC133329; DKFZp781D08126;

Gene ID 6041

mRNA Refseq NM_021133

Protein Refseq NP_066956

MIM 180435

UniProt ID Q05823

Chromosome Location 1q25

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved

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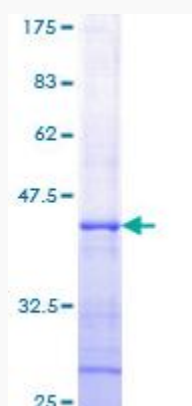
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biosystem; Immune System, organism-specific biosystem; Influenza A, organism-specific biosystem;

Function

ATP binding; RNA binding; endoribonuclease activity; endoribonuclease activity, producing 5-phosphomonoesters; hydrolase activity; metal ion binding; nucleotide binding; protein kinase activity; transferase activity, transferring phosphorus-containing groups;



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