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	QPGPSEHSKSFDKWTTKINECVMKKMNKFYEKRGNFYQNTVGDLLKFIRNLGEHID EEKHKKMKLKIGDPSLYFQKTFPDLVIYVYTKLQNTEYRKHFPQTHSPNKPQCD
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.

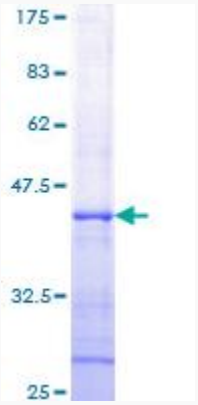
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	RNASEL ribonuclease L (2,5-oligoisoadenylate synthetase-dependent) [Homo sapiens]
Official Symbol	RNASEL
Synonyms	RNASEL; ribonuclease L (2,5-oligoisoadenylate 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-oligoisoadenylate 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

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

	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;
	

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