

Recombinant Full Length Human RNASEH2A Protein, MYC/DDK-tagged

Cat. No. RNASEH2A-1257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RNASEH2A protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-299 a.a.
Description	The protein encoded by this gene is a component of the heterotrimeric type II ribonuclease H enzyme (RNaseH2). RNaseH2 is the major source of ribonuclease H activity in mammalian cells and endonucleolytically cleaves ribonucleotides. It is predicted to remove Okazaki fragment RNA primers during lagging strand DNA synthesis and to excise single ribonucleotides from DNA-DNA duplexes. Mutations in this gene cause Aicardi-Goutieres Syndrome (AGS), a an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-alpha and white blood cells in the cerebrospinal fluid.[provided by RefSeq, Aug 2009].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	33.2 kDa
Purity	>50 ug/mL as determined by microplate BCA method

 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

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name RNASEH2A ribonuclease H2, subunit A [Homo sapiens]

Official Symbol RNASEH2A

Synonyms AGS4; JUNB; RNASEHI; RNHIA; RNHL

Gene ID 10535

mRNA Refseq NM_006397

Protein Refseq NP_006388

MIM 606034

UniProt ID O75792

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