

# Recombinant Full Length Human RNASEH2C Protein, GST-tagged

**Cat. No.** RNASEH2C-1473HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AYP1 full-length ORF ( NP_115569.2, 1 a.a. - 164 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	164 amino acids
<b>Description</b>	This gene encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes. Mutations in this gene cause Aicardi-Goutieres syndrome-3, a disease that causes severe neurologic dysfunction. A pseudogene for this gene has been identified on chromosome Y, near the sex determining region Y (SRY) gene. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	44.2 kDa
<b>AA Sequence</b>	MESGDEAAIE RHRVHLRSAT LRDAVPATLH LLPCEVAVDG PAPVGRFFTP AIRQGPEGLE VSFRGRCLRG EEVAVPPGLV GYVMVTEEEK VSMGKPDPLR DSGTDDQEEE PLERDFDRFI GATANFSRFT LWGLETIPGP DAKVRGALTW PSLAAAIHAQ VPED
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** RNASEH2C ribonuclease H2, subunit C [ Homo sapiens ]

**Official Symbol** RNASEH2C

**Synonyms** RNASEH2C; ribonuclease H2, subunit C; ribonuclease H2 subunit C; AGS3; Aicardi Goutieres syndrome 3; AYP1; RNase H2 subunit C; RNase H1 small subunit; ribonuclease H1 subunit C; aicardi-Goutieres syndrome 3 protein; FLJ20974; MGC22934

**Gene ID** 84153

**mRNA Refseq** NM\_032193

**Protein Refseq** NP\_115569

**MIM** 610330

**UniProt ID** Q8TDP1

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