

Recombinant Human AYP1 protein, GST-tagged

Cat. No. AYP1-1051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AYP1 full-length ORF (NP_115569.2, 1 a.a. - 164 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	44.2 kDa
AA Sequence	MESGDEAAIERHRVHLRSATLRDAVPATLHLLPCEVAVDGPAPVGRFFTPAIRQGPE GLEVSFRGRCLRGEEVAVPPGLVG YVMVTEEEKK VSMGKPDPLRDSGTDDQEEEL ERDFDRFIGATANFSRFTLWGLETIPGPD AKVRGALTWPSLAAAIHAQVPED
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.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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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

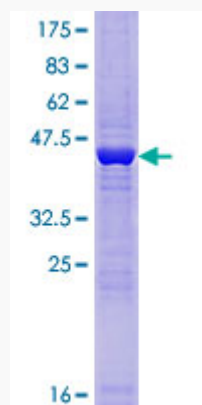
MIM 610330

UniProt ID Q8TDP1

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12.5% SDS-PAGE Stained with Coomassie Blue.

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