Full-Length

RNASEH2B (Human) Recombinant Protein (P01)

Catalog # H00079621-P01 Size 50 ug

Specification

Product Description	Human RNASEH2B full-length ORF (AAH36744.1, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAGVDCGDGVGARQHVFLVSEYLKDASKKMKNGLMFVKLVNPCSGEGAIYLFNMCLQQLFEV KVFKEKHHSWFINQSVQSGGLLHFATPVDPLFLLLHYLIKADKEGKFQPLDQVVVDNVFPNCILLL KLPGLEKLLHHVTEEKGNPEIDNKKYYKYSKEKTLKWLEKKVNQTVAALKTNNVNVSSRVQSTAF FSGDQASTDKEKDYIRYAHGLISDYIPKELSDDLSKYLKLPEPSASLPNPPSKKIKLSDEPVEAKED YTKFNTKDLKTEKKNSKMTAAQKALAKVDKSGMKSIDTFFGVKKKLERFETLKIKSSKNICFLHVS VCPS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.8
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — RNASEH2B

Entrez GeneID	79621
GeneBank Accession#	BC036744.1
Protein Accession#	AAH36744.1
Gene Name	RNASEH2B
Gene Alias	AGS2, DLEU8, FLJ11712
Gene Description	ribonuclease H2, subunit B
Omim ID	610326
Gene Ontology	Hyperlink
Gene Summary	RNase H2 is composed of a single catalytic subunit (A) and two non-catalytic subunits (B and C) and specifically degrades the RNA of RNA:DNA hybrids. The protein encoded by this gene is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication. Multiple tra nscript variants encoding different isoforms have been found for this gene. Defects in this gene ar e a cause of Aicardi-Goutieres syndrome type 2 (AGS2). [provided by RefSeq
Other Designations	Aicardi-Goutieres syndrome 2 protein|OTTHUMP00000018436|OTTHUMP00000040890|RNase H2 subunit B|deleted in leukemia 8 protein|deleted in lymphocytic leukemia 8

Pathway

- DNA replication