Recombinant Human Ribonuclease H2 subunit B (RNASEH2B)

Product Code	CSB-BP732934HU
Abbreviation	RNASEH2B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5TBB1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AAGVDCGDG VGARQHVFLV SEYLKDASKK MKNGLMFVKL VNPCSGEGAI YLFNMCLQQL FEVKVFKEKH HSWFINQSVQ SGGLLHFATP VDPLFLLLHY LIKADKEGKF QPLDQVVVDN VFPNCILLLK LPGLEKLLHH VTEEKGNPEI DNKKYYKYSK EKTLKWLEKK VNQTVAALKT NNVNVSSRVQ STAFFSGDQA STDKEEDYIR YAHGLISDYI PKELSDDLSK YLKLPEPSAS LPNPPSKKIK LSDEPVEAKE DYTKFNTKDL KTEKKNSKMT AAQKALAKVD KSGMKSIDTF FGVKNKKKIG KV
Source	Baculovirus
Target Names	RNASEH2B
Protein Names	Recommended name: Ribonuclease H2 subunit B Short name= RNase H2 subunit B Alternative name(s): Aicardi-Goutieres syndrome 2 protein Short name= AGS2 Deleted in lymphocytic leukemia 8 Ribonuclease HI subunit B
Expression Region	2-312
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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. This protein is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Aicardi-Goutieres syndrome type 2 (AGS2).
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final

	concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.