Recombinant Human RNASEH2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RNASEH2B-1331H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNASEH2B MS Standard C13 and N15-labeled recombinant protein (NP_001135751) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 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).
Molecular Mass	28.8 kDa
AA Sequence	MAAGVDCGDGVGARQHVFLVSEYLKDASKKMKNGLMFVKLVNPCSGEGAIYLFNM CLQQLFEVKVFKEKHHSWFINQSVQSGGLLHFATPVDPLFLLLHYLIKADKEGKFQPL DQVVVDNVFPNCILLLKLPGLEKLLHHVTEEKGNPEIDNKKYYKYSKEKTLKWLEKKV NQTVAALKTNNVNVSSRVQSTAFFSGDQASTDKEEDYIRYAHGLISDYIPKELSDDLS KYLKLPEPSASLPNPPSKMAAQRQKRGKTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

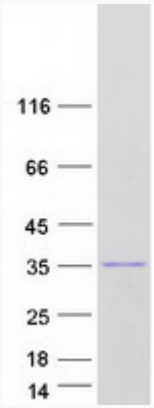
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RNASEH2B ribonuclease H2 subunit B [Homo sapiens (human)]
Official Symbol	RNASEH2B
Synonyms	RNASEH2B; ribonuclease H2 subunit B; AGS2; DLEU8; ribonuclease H2 subunit B; Aicardi-Goutieres syndrome 2 protein; RNase H2 subunit B; deleted in lymphocytic leukemia 8; ribonuclease HI subunit B
Gene ID	79621
mRNA Refseq	NM_001142279
Protein Refseq	NP_001135751
MIM	610326
UniProt ID	Q5TBB1

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SDS-PAGE	

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