

Product datasheet for **TP326833**

RNASEH2B (NM_001142279) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ribonuclease H2, subunit B (RNASEH2B), transcript variant 2, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC226833 representing NM_001142279
Red=Cloning site **Green**=Tags(s)

MAAGVDCGDGVGARQHVFVSEYLDASKMMKNGLMFVKLVNPCSGEGAIYLFNMCLQQLFEVKVFKEKH
HSWFINQSVQSGLLHFATPVDPLFLLHLYLIKADKEGKFQPLDQVVDNVFPNCILLKLPGLEKLLHH
VTEEKGNPEIDNKYYKYSKEKTLKWLEKKNQTVAAALKTNVNVSSRVQSTAFFSGDQASTDKEEDYIR
YAHGLISDYIPKELSDDLKYLKLEPSASLPNPPSKMAAQRQKRGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 28.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001135751](#)
Locus ID: 79621



[View online »](#)

UniProt ID: [Q5TBB1](#)

Cytogenetics: 13q14.3

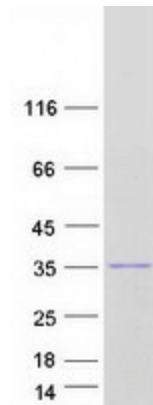
RefSeq ORF: 771

Synonyms: AGS2; DLEU8

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 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). [provided by RefSeq, Nov 2008]

Protein Pathways: DNA replication

Product images:



Coomassie blue staining of purified RNASEH2B protein (Cat# TP326833). The protein was produced from HEK293T cells transfected with RNASEH2B cDNA clone (Cat# [RC226833]) using MegaTran 2.0 (Cat# [TT210002]).