

Recombinant Human HNRNPA2B1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HNRNPA2B1-5325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HNRNPA2B1 MS Standard C13 and N15-labeled recombinant protein (NP_002128) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.
Molecular Mass	35.8 kDa
AA Sequence	MEREKEQFRKLFIGGLSFETTEESLRNYEQWGKLTDCVVMRDPASKRSRGFGFVT FSSMAEVDAAAMAARPHSIDGRVVEPKRAVAREESGKPGAHVTVKKLFVGGIKEDTE EHHLRDYFEEYGKIDTIEIITDRQSGKKRGFGFVTDDHDPVDKIVLQKYHTINGHNA

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EVRKALSRQEMQEVQSSRSGRGGNFGFGDSRGGGGNFGPGPGSNFRGGSDGYG
 SGRGFGDGYNGYGGGPGGGNFGGSPGYGGGRGGYGGGGPGYGNQGGGYGGG
 YDNYGGGNYGSGNYNDFGNYNQQPSNYGPMKSGNFGGSRNMGGPYGGGNYGP
 GSGSGSGGYGGRSRYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 [HNRNPA2B1 heterogeneous nuclear ribonucleoprotein A2/B1 \[Homo sapiens \(human\) \]](#)

Official Symbol [HNRNPA2B1](#)

Synonyms HNRNPA2B1; heterogeneous nuclear ribonucleoprotein A2/B1; HNRPA2B1; heterogeneous nuclear ribonucleoproteins A2/B1; hnRNP A2 / hnRNP B1; nuclear ribonucleoprotein particle A2 protein; RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; FLJ22720; DKFZp779B0244;

Gene ID [3181](#)

mRNA Refseq [NM_002137](#)

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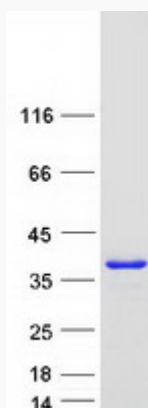
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Protein Refseq NP_002128

MIM 600124

UniProt ID P22626

SDS-PAGE



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