

Active Recombinant Full Length Human HNRNPA2B1 Protein, Flag tagged

Cat. No. HNRNPA2B1-2037HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human heterogeneous nuclear ribonucleoprotein A2/B1 (HNRNPA2B1), transcript variant A2 with Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-353 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bio-activity	Surface Plasmon Resonance (SPR); Taq polymerase stop assay (binding assay).

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Molecular Mass	35.8 kDa
AASequence	MEREKEQFRKLFIGGLSFETTEESLRNYYEQWGKLTDCVVMRDPASKRSRGFGFVT FSSMAEVDAAMAARPHSIDGRVVEPKRAVAREESGKPGAHVTVKKLFVGGIKEDTE EHHLRDYFEEYGKIDTIEITDRQSGKKRGFGFVTFDDHDPVDKIVLQKYHTINGHNA EVRKALSRQEMQEVQSSRSRGGNFGFGDSRGGGGNFGPGPGSNFRGGSDGYG SGRGFGDGYNGYGGGPGGGNFGGSPGYGGGRGGYGGGGPGYGNQGGGYGGG YDNYGGGNYGSGNYNDFGNYNQQPSNYGPMKSGNFGGSRNMGGPYGGGNYGP GGSGGSGGYGGRSRYTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	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 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method
Shipping	Dry Ice

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

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ribonucleoprotein particle A2 protein; RNPA2; HNRPA2; HNRPB1; SNRPB1;
HNRNPA2; HNRNPB1; FLJ22720; DKFZp779B0244

Gene ID 3181

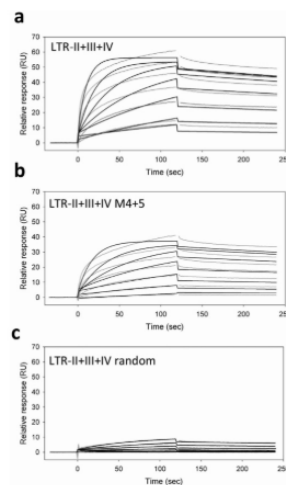
mRNA Refseq NM_002137

Protein Refseq NP_002128

MIM 600124

UniProt ID P22626

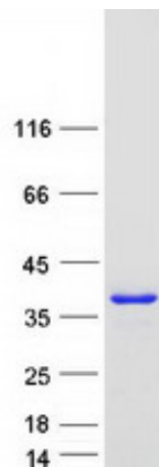
SPR analysis



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SDS-PAGE

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