

## Product datasheet for PH324241

### hnRNP A2B1 (HNRNPA2B1) (NM\_031243) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HNRNPA2B1 MS Standard C13 and N15-labeled recombinant protein (NP_112533)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224241
Predicted MW:	37.2 kDa
Protein Sequence:	RC224241
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_112533</a>
RefSeq Size:	1780
RefSeq ORF:	1059
Synonyms:	HNRNPA2; HNRNPB1; HNRPA2; HNRPA2B1; HNRPB1; IBMPFD2; RNPA2; SNRPB1
Locus ID:	3181
UniProt ID:	<a href="#">P22626</a>
Cytogenetics:	7p15.2



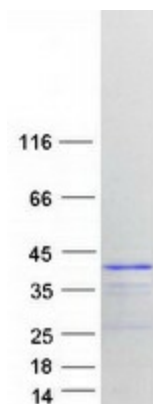
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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**

Coomassie blue staining of purified HNRNPA2B1 protein (Cat# [TP324241]). The protein was produced from HEK293T cells transfected with HNRNPA2B1 cDNA clone (Cat# [RC224241]) using MegaTran 2.0 (Cat# [TT210002]).