

HNRNPA2B1 Protein, Human (GST)

Cat. No.:	HY-P72231
Synonyms:	Hnrnpa2b1; Hnrpa2b1; Heterogeneous nuclear ribonucleoproteins A2/B1; hnRNP A2/B1
Species:	Human
Source:	E. coli
Accession:	I6L957 (M1-Q249)
Gene ID:	/
Molecular Weight:	Approximately 55.4 kDa

PROPERTIES

AA Sequence	<p>M E R E K E Q F R K L F I G G L S F E T T E E S L R N Y Y E Q W G K L T D C V V</p> <p>M R D P A S K R S R G F G F V T F S S M A E V D A A M A A R P H S I D G R V V E</p> <p>P K R A V A R E E S G K P G A H V T V K K L F V G G I K E D T E E H H L R D Y F</p> <p>E E Y G K I D T I E I I T D R Q S G K K R G F G F V T F D D H D P V D K I V L Q</p> <p>K Y H T I N G H N A E V R K A L S R Q E M Q E D L E V A I L E V A P V M E E E E</p> <p>E D M V V E D L D M A T R V G A T E V V M T T M E E E I M E V E I T M I L E I I</p> <p>T S N L L T T V Q</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of Tris-based buffer, 50% Glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>Heterogeneous nuclear ribonucleoproteins A2/B1 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). Heterogeneous nuclear ribonucleoproteins A2/B1 is RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). Heterogeneous nuclear ribonucleoproteins A2/B1 is associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. Heterogeneous nuclear ribonucleoproteins A2/B1 has distinct nucleic acid binding properties. Heterogeneous nuclear ribonucleoproteins A2/B1 has two repeats of quasi-RRM domains that bind to RNAs. Heterogeneous nuclear</p>
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ribonucleoproteins A2/B1 has been described to generate two alternatively spliced transcript variants which encode different isoforms^{[1][2][3][4][5]}.

Caution: Product has not been fully validated for medical applications. For research use only.

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