

Recombinant Human HNRNPAB Protein, GST-tagged

Cat. No. HNRNPAB-4912H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPAB full-length ORF (NP_004490.2, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They 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, which binds to one of the components of the multiprotein editosome complex, has two repeats of quasi-RRM (RNA recognition motif) domains that bind to RNAs. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq
Molecular Mass	57 kDa
AA Sequence	MSEAGEEQPMETTGATENGHEAVPEGESPAAGTGAAAGAGGATAAPPSGNQNG AEGDQINASKNEEDAGKMFVGGLSWDTSKKDLKDYFTKFGEVVDCTIKMDPNTGRS RGFGFILFKDAASVEKVLQKEHRLDGRVIDPKKAMAMKKDPVKKIFVGGLNPEATE

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EKIREYFGEFGEIEAIELPMDPKLNKRRGFVFITFKEEEPVKKVLEKKFHTVSGSKCEI
KVAQPKEVYQQQYGGSGGRGNRNRGNRSGGGGGGGGGQGSTNYGKSQRRGGH
QNNYKPY

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[HNRNPAB heterogeneous nuclear ribonucleoprotein A/B \[Homo sapiens \]](#)

Official Symbol

[HNRNPAB](#)

Synonyms

ABBP1; HNRPAB

Gene ID

[3182](#)

mRNA Refseq

[NM_031266](#)

Protein Refseq

[NP_112556](#)

MIM

[602688](#)

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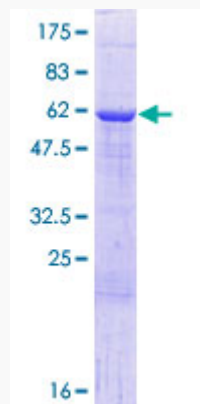
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UniProt ID

Q99729

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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