

Product datasheet

Recombinant Human HNRPAB protein ab171508

1 Image

Description

Product name	Recombinant Human HNRPAB protein
Purity	> 95 % SDS-PAGE. ab171508 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q99729-3</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSMSEAGEE QPMETTGate NGHEAVPEGE SPAGAGTGAA AGAGGATAAP PSGNQNGAEG DQINASKNEE DAGKMFVGG L SWDTSKKDLK DYFTKFGEVV DCTIKMDPNT GRSRGFGFIL FKDAASVEKV LDQKEHRLDG RVIDPKKAMA MKKDPVKKIF VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEP VKKVLEKKFH TVSGSKCEIK VAQPKEVYQQ QQYGS GGRGN RNRGNRGS GG GGGGGGQGST NYGKSQRRGG HQNNYKPY </pre>
Predicted molecular weight	33 kDa including tags
Amino acids	1 to 285
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab171508** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 69% PBS, 0.02% DTT, 30% Glycerol (glycerin, glycerine)

General Info

Function

Binds single-stranded RNA. Has a high affinity for G-rich and U-rich regions of hnRNA. Also binds to APOB mRNA transcripts around the RNA editing site.

Tissue specificity

Ubiquitous.

Sequence similarities

Contains 2 RRM (RNA recognition motif) domains.

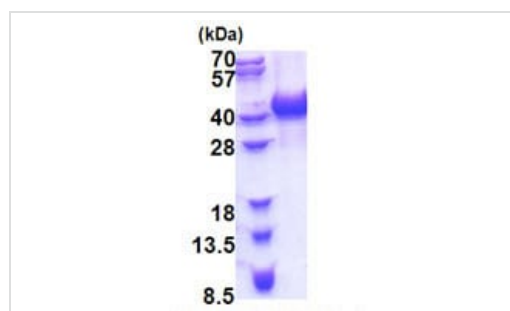
Post-translational modifications

Dimethylation at Arg-322 is probably asymmetric.

Cellular localization

Nucleus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images



15% SDS-PAGE analysis of ab171508 (3µg).

SDS-PAGE - Recombinant Human HNRPA protein
(ab171508)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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