

Product datasheet

Recombinant Human RBP5 protein ab99438

1 Image

Description

Product name	Recombinant Human RBP5 protein
Purity	> 95 % SDS-PAGE. ab99438 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P82980</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMPPNLTGYR FVSQKNM EDYLQALNISLAV RKIALLLKPDKEIEHQGNHMTVRTLSTFRNYTVQFDVGVEF EEDLRSVDG RKCQTIVTWEEHLCVQKGEVPNRGWRHWLEGEMLYL ELTARDAVCEQV FRKVR
Predicted molecular weight	18 kDa including tags
Amino acids	1 to 135
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab99438** 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw
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cycles.

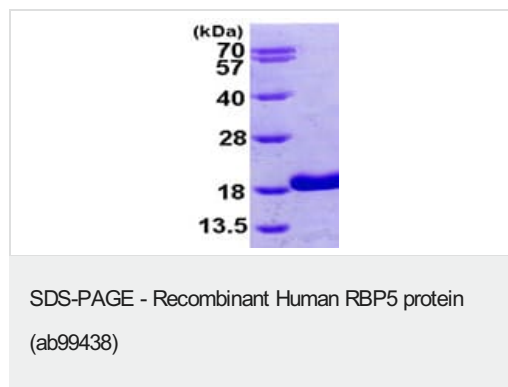
pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function	Intracellular transport of retinol.
Tissue specificity	Higher expression in adult kidney and liver and to a lesser extent in adult and fetal spleen, adult lymph nodes and appendix, and fetal liver and kidney. Strongly decreased in hepatocellular carcinoma tissues (at protein level).
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE showing ab99438 at approximately 18.1kDa (3μg).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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