

Recombinant Human RBP4 protein ab59967

1 References 2 Images

Description	
Product name	Recombinant Human RBP4 protein
Purity	> 95 % SDS-PAGE. Purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MERDCRVSSF RVKENFDKAR FSGTWYAMAK KDPEGLFLQD NVAEFSVDE TGQMSATAKG RVRLNNWDV CADMVGTFD TEDPAKFKMK YWGVASFLQK GNDDHWVDT DYDTYAVQYS CRLNLDGTC ADSYSFVFSR DPNGLPPEAQ KMRQRQEEL CLARQYRLV HNGYCDGRSE RNLL
Amino acids	19 to 201

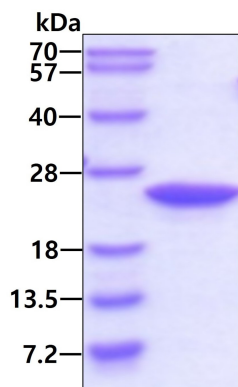
Specifications	
Our Abpromise guarantee covers the use of ab59967 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Form	Liquid
Additional notes	Endotoxin test showed more than 0.5 EU/mg endotoxin level.

Preparation and Storage	
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: PBS, 0.02025% Potassium chloride, 0.7946% Sodium chloride

General Info

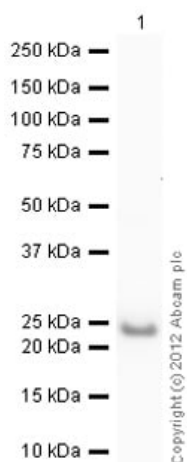
Function	Delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli.
Involvement in disease	Defects in RBP4 are a cause of retinol-binding protein deficiency (RBP deficiency) [MIM:180250]. This condition causes night vision problems. It produces a typical 'fundus xerophthalmicus', featuring a progressed atrophy of the retinal pigment epithelium.
Sequence similarities	Belongs to the calycin superfamily. Lipocalin family.
Cellular localization	Secreted.

Images



SDS-PAGE - Recombinant Human RBP4 protein
(ab59967)

SDS-PAGE analysis of ab59967 (3 µg).



Western blot - Recombinant Human RBP4 protein
(ab59967)

Anti-RBP4 antibody (**ab73022**) at 1 µg/ml + Recombinant Human RBP4 protein (ab59967) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 90 seconds

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