

Recombinant Human RBP4 protein ab63267

Description

Product name	Recombinant Human RBP4 protein
Purity	> 95 % SDS-PAGE. Endotoxin: <0.5 EU/ug protein.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSWWHHHHHH NWNIPPTQDT TERDCRVSSF RVKENFDKAR FSGTWYAMAK KDPEGLFLQD NVAEFSVDE TGQMSATAKG RVRLLNNWDV CADMVGTF TD TEDPAKFKMK YWGVASFLQK GNDDHWVDT DYDTYAVQYS CRLNLDGTC ADSYSFVFSR DPNGLPPEAQ KMRQRQEEL CLARQYRLIV HNGYCDGRSE RNLL

Specifications

Our **Abpromise guarantee** covers the use of **ab63267** in the following tested applications.

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

Applications	Western blot ELISA Functional Studies SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituent: PBS
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an

appropriate sterile filter before using it in the cell culture.

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.

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

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