

**RBP4, human recombinant protein****Retinol Binding Protein 4, RBP-4, RBP4, Plasma retinol-binding protein, PRBP, RBP.****Catalog # PBV10503r****Specification**

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**RBP4, human recombinant protein - Product info**

Primary Accession	<a href="#">P02753</a>
Concentration	1
Calculated MW	21.0 kDa KDa

**RBP4, human recombinant protein - Additional Info**

Gene ID	5950
Gene Symbol	RET4

**Other Names**  
Retinol Binding Protein 4, RBP-4, RBP4, Plasma retinol-binding protein, PRBP, RBP.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC; ≥95%
Recombinant	Yes

**Format**  
Liquid

**Storage**

-20°C; Sterile filtered solution (1 mg/ml) in PBS, pH 7.4

**RBP4, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RBP4, human recombinant protein - Images****RBP4, human recombinant protein - Background**

Retinol binding protein 4(RBP4) belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. This protein was found to be expressed and secreted by adipose tissue, and was strongly associated with insulin resistance. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which

prevents its loss by filtration through the kidney glomeruli.

RBP4 delivers retinol from the liver to the peripheral tissues. In plasma, the rbp-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli. RBP-4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 184 amino acids and having a molecular mass of 21 kDa. The Retinol Binding Protein-4 is purified by proprietary chromatographic techniques.