10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human CellExp RBP4, rat recombinant protein

Retinol Binding Protein 4, Plasma retinol-binding protein, PRBP, RBP
Catalog # PBV11175r

Specification

Human CellExp RBP4, rat recombinant protein - Product info

Primary Accession	P04916
Calculated MW	~23.0 kDa (monomer). Rat RBP4 (aa 19-201) is fused at the N-terminus to a FLAG®-tag. KDa

Human CellExp RBP4, rat recombinant protein - Additional Info

Gene ID	25703
Gene Symbol	RBP4

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

Gene Source	Rat
Source	HEK293 cells
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes

Target/Specificity
RBP4

Format
Liquid

Storage
-20°C; 0.2 µm-filtered solution in PBS, pH 7.2.

Human CellExp RBP4, rat 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 Cytomety
- Cell Culture

Human CellExp RBP4, rat recombinant protein - Images

Human CellExp RBP4, rat recombinant protein - Background

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Retinol binding protein 4 (RBP4; RBP) is a 21 kDa secreted protein, a member of the lipocalin family and is known as the primary transporter of retinol (vitamin A) to tissues. A recent report revealed RBP4 as an adipokine linking glucose transporter 4 (GLUT4) suppression in adipose tissue to insulin. Elevated human and mouse serum RBP4 levels are associated with insulin resistance and its severity, obesity, and certain components of metabolic syndrome. Furthermore, human serum RBP4 levels are closely related to renal function.

Human CellExp RBP4, rat recombinant protein - References

Laurent B.C.,et al.J. Biol. Chem. 260:11476-11480(1985).
Sundelin J.,et al.J. Biol. Chem. 260:6472-6480(1985).