

# Human CellExp™ RBP4, human recombinant

<b>CATALOG #:</b>	7563-10	10 µg
	7563-50	50 µg
<b>ALTERNATE NAMES:</b>	Retinol Binding Protein 4, Plasma retinol-binding protein, PRBP, RBP	
<b>SOURCE:</b>	HEK 293 cells	
<b>PURITY:</b>	≥ 90% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	~23.0 kDa (monomer). Human RBP4 (aa 19-201) is fused at the N-terminus to a FLAG®-tag.	
<b>ENDOTOXIN LEVEL:</b>	<0.1EU/µg purified protein (LAL test; Lonza).	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	0.5 mg/ml of 0.2 µm-filtered solution in PBS, pH 7.2.	
<b>STORAGE CONDITIONS:</b>	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.	
<b>DESCRIPTION:</b>	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.	

**RELATED PRODUCTS:**

- Human CellExp™ RBP4, mouse recombinant (**Cat. No. 7564-10, -50**)
- RBP4, mouse recombinant (**Cat. No. 7565-10, -50**)
- Human CellExp™ RBP4, rat recombinant (**Cat. No. 7566-10, -50**)
- RBP4, rat recombinant (**Cat. No. 7567-10, -50**)
- RBP4, human recombinant (**Cat. No. 4940-20, -1000**)
- RBP4 Antibody (**Cat. No. 3716-100**)
- RBP4 (human) Competitive ELISA Kit (**Cat. No. K4911-100**)
- RBP4 (human) ELISA Kit (**Cat. No. K4912-100**)
- RBP4 (mouse/rat) ELISA Kit (**Cat. No. K4913-100**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**