

# RBP4, mouse recombinant

<b>CATALOG #:</b>	7565-10	10 µg
	7565-50	50 µg
<b>ALTERNATE NAMES:</b>	Retinol Binding Protein 4, Plasma retinol-binding protein, PRBP, RBP	
<b>SOURCE:</b>	E. Coli	
<b>PURITY:</b>	≥ 90% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	~20.0 kDa (monomer). Mouse RBP4 (aa 19-201) is fused at the C-terminus to a His-Tag	
<b>ENDOTOXIN LEVEL:</b>	<0.1 EU/µg purified protein (LAL test; Lonza).	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	0.2 µm-filtered solution in 55 mM Tris-Cl, pH 8.2 containing 150 mM NaCl.	
<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, human recombinant (**Cat. No. 7563-10, -50**)
- RBP4, rat recombinant (**Cat. No. 7567-10, -50**)
- Human CellExp™ RBP4, mouse recombinant (**Cat. No. 7564-10, -50**)
- Human CellExp™ RBP4, rat recombinant (**Cat. No. 7566-10, -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.**