

Human CellExp™ RBP4, rat recombinant

CATALOG #: 7566-10 10 µg
7566-50 50 µg

ALTERNATE NAMES: Retinol Binding Protein 4, Plasma retinol-binding protein, PRBP, RBP

SOURCE: HEK 293 cells

PURITY: ≥ 90% by SDS-PAGE gel

MOL. WEIGHT: ~23.0 kDa (monomer). Rat RBP4 (aa 19-201) is fused at the N-terminus to a FLAG®-tag.

ENDOTOXIN LEVEL: <0.1 EU/µg purified protein (LAL test; Lonza).

FORM: Liquid

FORMULATION: 0.2 µm-filtered solution in PBS, pH 7.2.

STORAGE CONDITIONS: Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Retinol binding protein 4 (RBP4; RBP) is a 21kDa 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, mouse recombinant (**Cat. No. 7565-10, -50**)
- Human CellExp™ RBP4, mouse recombinant (**Cat. No. 7564-10, -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.