

## 32-6548: RBP4 Mouse

**Alternative Name :** Retinol Binding Protein 4, RBP-4, RBP4, Plasma retinol-binding protein, PRBP, RBP.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Retinol Binding Protein-4 or RBP4, is the retinol carrier protein in the plasma. RBP4 takes part on the conversion of retinol to the stable and soluble retinol complex in the plasma. RBP4 carries retinol from the liver tissue where its store to peripheral tissues. RBP-retinol complex has interactions with transthyretin in the plasma, thus prevents its loss by filtration in the kidney.

RBP4 Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 191 amino acids (19-201 a.a) and having a molecular mass of 22.4kDa. RBP4 is fused to an 8 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 95% as determined by SDS-PAGE.

**Content :** The RBP4 solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** ERDCRVSSFR VKENFDKARF SGLWYAIKK DPEGLFLQDN IIAEFSVDEK GHMSATAKGR VRLLSNWEVC  
ADMVGTFTDT EDPKFKMKY WGVASFQRG NDDHWIIDTD YDTFALQYSC RLQNLDTGCA  
DSYSFVFSRD PNGLSPETRR LVRQRQEELC LERQYRWIEH NGYCQSRPSR NSLLEHHHHH H.