

## 32-13666: RBP Human, Native

**Format :** The protein was lyophilized (0.2 Åµm filtered) from 20mM NH<sub>4</sub>HCO<sub>3</sub>.

### Description

Source:Urine from the patients with renal tubular proteinuria.

Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.

Biological Activitynull

Human Retinol Binding Protein, also known as RBP, is responsible for transporting and binding vitamin A. Human RBP has a binding site for 1 molecule of retinol and circulates in the plasma together with prealbumin as a protein complex. The prealbumin binding prevents greater glomerular losses of the human RBP. Only the retinol-free form of the RBP, which has no affinity for prealbumin, undergoes glomerular filtration unhindered as a result of its low Mw. Human RBP is re-absorbed by the tubular cells and catabolized there.

Human Retinol Binding Protein Native produced in urine from the patients with renal tubular proteinuria having a molecular mass of approximately 21kD.

### Product Info

**Amount :** 5 mg / 1 mg

**Purification :** Greater than 96.0%.

**Storage condition :** RBP Human although stable at room temperature for 3 weeks, should be stored between 2-8°C.

### Application Note

It is recommended to reconstitute the lyophilized RBP Human in phosphate buffer containing 0.15M NaCl.