9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

## 32-1734: RBP2 Recombinant Protein

**Alternative Name :** CRABP-II,CRBP2,CRBPII,RBPC2,Retinol-binding protein 2,Cellular retinol-binding protein II,RBP2.

## Description

Source : E.coli. RBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (1-134 a.a.) and having a molecular mass of 18kDa. RBP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Retinol Binding Protein-2 (RBP2) which is present in the small intestinal epithelium takes part in the uptake and intracellular metabolism of vitamin A. Vitamin A is a fat-soluble vitamin essential for growth, reproduction, differentiation of epithelial tissues, and vision. RBP2 moderates the supply of retinoic acid to the nuclei of endometrial cells throughout the menstrual cycle.

## Product Info

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|---|---|
| **Amount :** | 20 µg |
| **Purification :** | Greater than 95% as determined by SDS-PAGE. |
| **Content :** | RBP2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol. |
| **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 :** | MGSSHHHHHH SSGLVPRGSH MGSHMTRDQN GTWEMESNEN FEGYMKALDI DFATRKIAVR LTQTKVIDQD GDNFKTKTTS TFRNYDVDFT VGVEFDEYTK SLDNRHVKAL VTWEGDVLVC VQKGEKENRG WKQWIEGDKL YLELTCGDQV CRQVFKKK. |

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