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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Retinol Binding Protein-2, human recombinant (rhuRBP2)

Catalog No: 99914
Lot No: XXXXX
Source: *E. coli*
Synonyms: CRABP-II, CRBP2, CRBPII, RBPC2, Retinol-binding protein 2, Cellular retinol-binding protein II, RBP2

Background

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.

Description

RBP2 Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 158 amino acids (1-134 aa). It has a molecular mass of 18 kDa. RBP2 is fused to a 24 amino acid His-tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, colorless solution.

Formulation

RBP2 protein solution (1 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 0.1 M NaCl and 10% glycerol.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.