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RBP2, 1-134aa, Human, His tag, E.coli

产品货号: TP03696

第三版

别名: Retinol-binding protein 2, CRABP-II, CRBP2, CRBP2, RBPC2

描述: RBP2 is an abundant protein present in the small intestinal epithelium. It is thought to participate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle. Recombinant human RBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol.

分子量: 18 kDa (158aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMTRDQNGTWEMESNENFEGYMKALDIDFATRKIIVRLTQTKVIDQDGDNFKT
KTTSTFRNYDVFDFTVGVFDEYTKSLDNRHVKALVTWEGDVLVQVQKGEKENRGWKQWIEGDKLYLELTGQDQVCRQ
VFKKK

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.