

AR50872PU-S**Human Retinol-binding protein 2 / RBP2 (1-134, His-tag) - Purified**

Alternate names:	CRABP-II, CRABPII, CRBP-II, CRBP2, Cellular retinol-binding protein II
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P50120
NCBI:	NP_004155
GeneID:	5948
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol.
Description:	Recombinant human RBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMTDQDN GTWEMESNEN FEGYMKALDI DFATRKI AVR LTQTKVIDQD GDNFKTKTTS TFRNYDVDFV VGVEFDEYTK SLDNRHV KAL VTWEGDVLVC VQKGEKENRG WKQWIEGDKL YLELTCGDQV CRQVFKKK Molecular weight: 18 kDa (158aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zhang L, E X, et al. (2002). Am J Physiol Gastrointest Liver Physiol. 282(6):G1079-87. Chan SW, et al. (2001). J Biol Chem. 276(30):28402-12.

Pictures:

