

**OriGene Technologies, Inc.** 

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for AR50872PU-S

## Retinol-binding protein 2 / RBP2 (1-134, His-tag) Human Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	Retinol-binding protein 2 / RBP2 (1-134, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMTRDQN GTWEMESNEN FEGYMKALDI DFATRKIAVR LTQTKVIDQD GDNFKTKTTS TFRNYDVDFT VGVEFDEYTK SLDNRHVKAL VTWEGDVLVC VQKGEKENRG WKQWIEGDKL YLELTCGDQV CRQVFKKK
Tag:	His-tag
Predicted MW:	18 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 004155</u>
Locus ID:	5948
UniProt ID:	<u>P50120</u>
Cytogenetics:	3q23
Synonyms:	CRABP-II; CRBP2; CRBPII; RBPC2

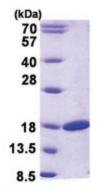


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Summary:This gene encodes an abundant protein present in the small intestinal epithelium. It is<br/>thought to participate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is<br/>a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues,<br/>and vision. This protein may also modulate the supply of retinoic acid to the nuclei of<br/>endometrial cells during the menstrual cycle. [provided by RefSeq, Aug 2015]

## **Product images:**



15% SDS-PAGE (3ug)

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