

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 MGSMTTRDQN GTWEMESNEN FEGYMKALDI DFATRKiAVR LTQTKVIDQD GDNFKTKTTS TFRNYDVDFV 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:	NP_004155
Locus ID:	5948
UniProt ID:	P50120
Cytogenetics:	3q23
Synonyms:	CRABP-II; CRBP2; CRBP2II; RBPC2



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Summary:

This gene encodes 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. This protein may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle. [provided by RefSeq, Aug 2015]

Product images: