

Recombinant Human RBP2 protein, MYC/DDK-tagged

Cat. No. RBP2-18H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBP2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	15.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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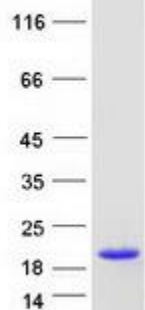
 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	RBP2 retinol binding protein 2, cellular [Homo sapiens]
Official Symbol	RBP2
Synonyms	RBP2; retinol binding protein 2, cellular; retinol-binding protein 2; CRABP II; CRBP2; CRBP2; RBPC2; CRBP-II; cellular retinol-binding protein II; retinol-binding protein 2, cellular; CRABP-II;
Gene ID	5948
mRNA Refseq	NM_004164
Protein Refseq	NP_004155
MIM	180280
UniProt ID	P50120
Chromosome Location	3q23
Pathway	Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of steroid hormones and vitamins A and D, organism-specific biosystem; Regulation of retinoblastoma protein, organism-specific biosystem; Vitamin A and carotenoid metabolism, organism-specific biosystem; Vitamin A uptake in enterocytes, organism-specific biosystem; Vitamin digestion and absorption, organism-specific biosystem;
Function	lipid binding; retinal binding; retinoid binding; retinol binding; transporter activity;

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