

Recombinant Human CRABP2

Cat. No. CRABP2-26985TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full length Human CRABP2; 138aa, 16 kDa.
Species	Human
Source	E.coli
Description	This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MPNFSGNWKI IRSENFELL KVLGVNVMRLR KIAVAAASKP AVEIKQEGDTFYIKTSTTVR TTEINFKVG E FEEQTV DGR PCKSLVKWES ENKMOVCEQKL LKGEGPKTSW TREL TNDGEL ILTMTADDVV CTRVYVRE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Sequence Similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	CRABP2 cellular retinoic acid binding protein 2 [Homo sapiens]
Official Symbol	CRABP2
Synonyms	CRABP2; cellular retinoic acid binding protein 2; cellular retinoic acid-binding protein 2; CRABP II;
Gene ID	1382
mRNA Refseq	NM_001199723
Protein Refseq	NP_001186652
MIM	180231
Uniprot ID	P29373
Chromosome Location	1q21.3
Pathway	Vitamin A and carotenoid metabolism, organism-specific biosystem;
Function	lipid binding; retinal binding; retinoic acid binding; retinoid binding; retinol binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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