

Recombinant Human Cellular Retinoic Acid Binding Protein 2

Cat. No. CRABP2-368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CRABP2 was expressed in E.coli and purified by using conventional chromatography techniques, 15.6 kDa (138 aa).
Species	Human
Source	E.coli
Description	The cellular retinoic acid-binding protein II (CRABP-II) is involved in the conversion of vitamin A into its intracellular active form retinoic acid, which regulate the genes responsible for lipid metabolism and adipocyte differentiation. CRABP2 gene is located on chromosome 1q21-23 and this region has been linked with related disorders such as familial combined hyperlipidemia (FCHL) and type 2 diabetes mellitus.
Sequences of amino acids	MPNFSGNWKI IRSENFELL KVLGVNVMRLR KIAVAAASKP AVEIKQEGDT FYIKTSTTVR TTEINFKVG E FEEQTV DGR PCKSLVKWES ENKMOVCEQKL LKGE GPKTSW TREL TNDGEL ILTMTADDVV CTRVYVRE
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

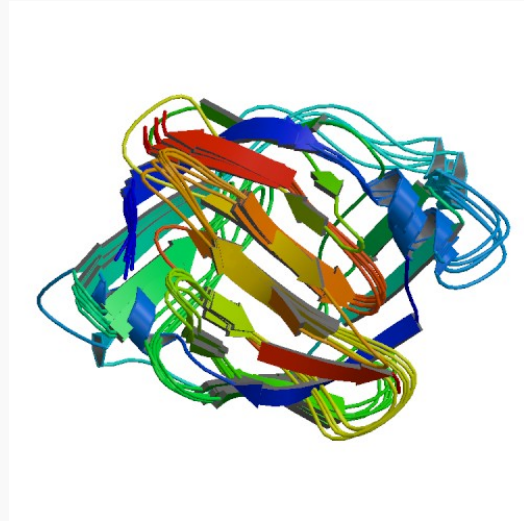
Gene Name	CRABP2 cellular retinoic acid binding protein 2 [Homo sapiens]
Synonyms	CRABP-II; OTTHUMP00000038730; OTTHUMP00000038732; RBP6; Cellular retinoic acid-binding protein II; cellular retinoic acid binding protein 2; cellular retinoic acid-binding protein 2; CRABP2
Gene ID	1382
mRNA Refseq	NM_001878
Protein Refseq	NP_001869
MIM	180231
UniProt ID	P29373
Chromosome Location	1q21.3
Pathway	
Function	lipid binding; retinal binding; retinol binding; transporter activity

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