

Recombinant Human CRABP2, GST-tagged

Cat. No. CRABP2-11551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRABP2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-138a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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; cellular retinoic acid-binding protein II; RBP6; 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; transporter activity;