Recombinant Human CRABP2 Protein, GST-tagged

Cat. No. CRABP2-1830H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRABP2 full-length ORF (NP_001869.1, 1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Dec 2010]
Molecular Mass	42.1 kDa
AA Sequence	MPNFSGNWKIIRSENFEELLKVLGVNVMLRKIAVAAASKPAVEIKQEGDTFYIKTSTTV RTTEINFKVGEEFEEQTVDGRPCKSLVKWESENKMVCEQKLLKGEGPKTSWTRELT NDGELILTMTADDVVCTRVYVRE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

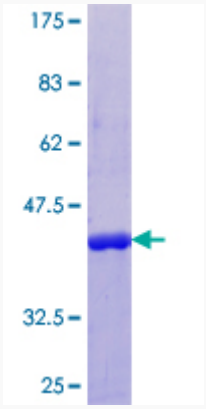
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; 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

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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