

Recombinant Full Length Human CRABP1 Protein, GST-tagged

Cat. No. CRABP1-2248HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRABP1 full-length ORF (AAH22069.1, 1 a.a. - 137 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	137 amino acids
Description	This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008]
Molecular Mass	40.81 kDa
AA Sequence	MPNFAGTWKMRSSSENFDELLKALGVNAMLRLKVAVAAASKPHVEIRQDGDQFYIKTS TTVRTTEINFKVGEGFEEETVDGRKCRSLATWENENKIHCTQTLLEGDGPKTYWTS ELANNELILTFGADDVVCTRIYVRE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

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	CRABP1 cellular retinoic acid binding protein 1 [Homo sapiens]
Official Symbol	CRABP1
Synonyms	CRABP1; cellular retinoic acid binding protein 1; cellular retinoic acid binding protein 1 , RBP5; cellular retinoic acid-binding protein 1; CRABP; CRABP I; CRABPI; cellular retinoic acid-binding protein I; RBP5; CRABP-I
Gene ID	1381
mRNA Refseq	NM_004378
Protein Refseq	NP_004369
MIM	180230
UniProt ID	P29762

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