

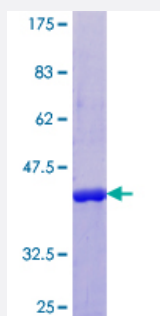
Full-Length

CRABP2 (Human) Recombinant Protein (P01)

Catalog # H00001382-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CRABP2 full-length ORF (NP_001869.1, 1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPNFSGNWKIIRSENFEEELLKVLGVNVMRLRKIAVAAASKPAVEIKQEGDTFYKTSTTVRTTEINFKV GEEFEEQTV DGRPCKSLVKWESENKMVCEQKLLKGEGPKTSWTRELTNDGELILMTADDVVC TRVYVRE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.1
Interspecies Antigen Sequence	Mouse (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CRABP2

Entrez GeneID [1382](#)

GeneBank Accession# [NM_001878.2](#)

Protein Accession# [NP_001869.1](#)

Gene Name CRABP2

Gene Alias CRABP-II, RBP6

Gene Description cellular retinoic acid binding protein 2

Omim ID [180231](#)

Gene Ontology [Hyperlink](#)

Gene Summary A number of specific carrier proteins for members of the vitamin A family have been discovered. Cellular retinoic acid binding proteins (CRABP) are low molecular weight proteins whose precise function remains unknown. The inducibility of the CRABP2 gene suggests that this isoform is important in retinoic acid-mediated regulation of human skin growth and differentiation. It has been postulated that the CRABP2 gene is transcriptionally regulated by a newly synthesized regulatory protein. [provided by RefSeq]

Other Designations OTTHUMP00000038730|OTTHUMP00000038732|cellular retinoic acid-binding protein 2

Disease

- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Meningomyelocele](#)