

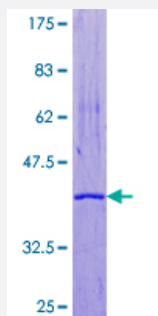
Full-Length

CRABP1 (Human) Recombinant Protein (P01)

Catalog # H00001381-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CRABP1 full-length ORF (AAH22069.1, 1 a.a. - 137 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPNFAGTWKMRSSNFDELLKALGVNAMLRKVAVAAASKPHVEIRQDGDQFYKTSTTVRTTEIN FKVGEGFEEETVDGRKCRSLATWENENKIHCTQTLLEGDPKTYWTSELANNELILTFGADDVVC TRIYVRE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.81
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — CRABP1

Entrez GeneID [1381](#)

GeneBank Accession# [BC022069](#)

Protein Accession# [AAH22069.1](#)

Gene Name CRABP1

Gene Alias CRABP, CRABP-I, CRABPI, RBP5

Gene Description cellular retinoic acid binding protein 1

Omim ID [180230](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations cellular retinoic acid-binding protein 1

Disease

- [Cleft Lip](#)

- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Meningomyelocele](#)