

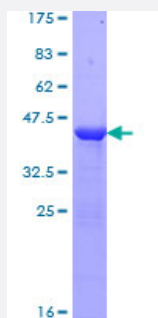
Full-Length

CRABP1 (Human) Recombinant Protein (P02)

Catalog # H00001381-P02

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 | MPNFAGTWKMRSSNFDELLKALGVNAMLKRVAVAAASKPHVEIRQDGDQFYKTSTTVRTTEIN FKVGEGFEEETVDGRKCRSLATWENENKIHCTQTLLEGDPKTYWTSELANDELILTFGADDVVC TRIYVRE |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 41.9 |
| Interspecies Antigen Sequence | Mouse (99); Rat (99) |
| 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#** [BC022069.1](#)**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](#)