

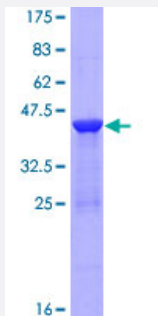
Full-Length

RBP2 (Human) Recombinant Protein (P01)

Catalog # H00005948-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RBP2 full-length ORF (NP_004155.2, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTRDQNGTWEMESNENFEGYMKALDIDFATRKIAVRLTQTKVIDQDGNFKTKTTSTFRNYDVDF TVGVEFDEYTKSLDNRHVKALVTWEGDVLVCVQKGEKENRGWKQWIEGDKLYLELTCGDQVCR QVFKKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.1
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 — RBP2

Entrez GeneID [5948](#)

GeneBank Accession# [NM_004164.2](#)

Protein Accession# [NP_004155.2](#)

Gene Name RBP2

Gene Alias CRABP-II, CRBP2, CRBPII, RBPC2

Gene Description retinol binding protein 2, cellular

Omim ID [180280](#)

Gene Ontology [Hyperlink](#)

Gene Summary RBP2 is an abundant protein present in the small intestinal epithelium. It is thought to participate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle. [provided by RefSeq]

Other Designations retinol-binding protein 2, cellular