

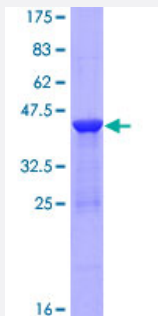
Full-Length

## 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  
TVGVFEFDEYTKSLDNRHVKALVTWEGDVLVCVQKGEKENRGWKQWIEGDKLYLELTCGDQVCR  
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	<a href="#">5948</a>
GeneBank Accession#	<a href="#">NM_004164.2</a>
Protein Accession#	<a href="#">NP_004155.2</a>
Gene Name	RBP2
Gene Alias	CRABP-II, CRBP2, CRBPII, RBPC2
Gene Description	retinol binding protein 2, cellular
Omim ID	<a href="#">180280</a>
Gene Ontology	<a href="#">Hyperlink</a>
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