

Product datasheet for **TP317970M**

RBP2 (NM_004164) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human retinol binding protein 2, cellular (RBP2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC217970 representing NM_004164
Red=Cloning site **Green**=Tags(s)

MTRDQNGTWEMESNENFEGYMKALDIDFATR KIAVRLTQTKVIDQDGDNFKTKTTSTFRNYDVDFTVGVE
FDEYTKSLDNRHV KALVTWEGDVLVVCVQKGEKENRGWKQWIEGDKLYLELTCGDQVCRQVFKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 15.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004155](#)

Locus ID: 5948

UniProt ID: [P50120](#)

RefSeq Size: 700

Cytogenetics: 3q23



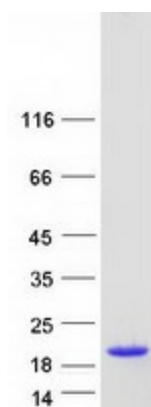
[View online »](#)

RefSeq ORF: 402

Synonyms: CRABP-II; CRBP2; CRBP2; RBPC2

Summary: This gene encodes 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. This protein may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle. [provided by RefSeq, Aug 2015]

Product images:



Coomassie blue staining of purified RBP2 protein (Cat# [TP317970]). The protein was produced from HEK293T cells transfected with RBP2 cDNA clone (Cat# [RC217970]) using MegaTran 2.0 (Cat# [TT210002]).