

## Product datasheet for **TP305891M**

### **RBP5 (NM\_031491) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human retinol binding protein 5, cellular (RBP5), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC205891 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MPPNLTGYRFFVSQKNMEDYLQALNISLAVRKIALLLKPDKEIEHQGNHMTVRTLSTFRNYTVQFDVGVE  
FEEDLRSVDGRKCQTIVTWEEHLVCVQKGEVPNRGWRHWLEGEMLYLELTARDAVCEQVFRKVR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 15.8 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\\_113679](#)

**Locus ID:** 83758

**UniProt ID:** [P82980](#)

**RefSeq Size:** 968

**Cytogenetics:** 12p13.31



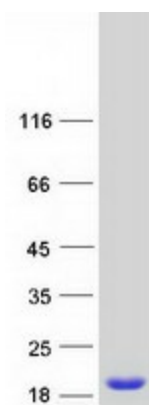
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RefSeq ORF: 405

Synonyms: CRBP-III; CRBP3; CRBP3III; HRBPiso

Summary: The protein encoded by this gene is a cellular retinol-binding protein expressed highly in kidney and liver. Down-regulation of the encoded protein in hepatocellular carcinoma was associated with large tumor size and poor patient survival rates. [provided by RefSeq, Jul 2016]

### Product images:



Coomassie blue staining of purified RBP5 protein (Cat# [TP305891]). The protein was produced from HEK293T cells transfected with RBP5 cDNA clone (Cat# [RC205891]) using MegaTran 2.0 (Cat# [TT210002]).