

Product datasheet for **TP305891L**

RBP5 (NM_031491) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human retinol binding protein 5, cellular (RBP5), 1 mg

Species: Human

Expression Host: HEK293T

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

MPPNLTGYRFFVSQKNMEDYLQALNISLAVRKIALLLKPDKEIEHQGNHMTVRTLSTFRNYTVQFDVGVGVE
FEEDLRSVDGRKQCQTIVTWEEHLCVQKGEVPNRGWRHWLEGEMLYLELTARDAVCEQVFRKVR

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



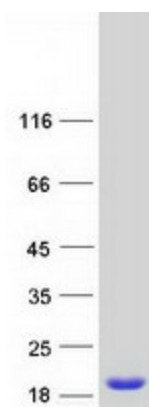
[View online »](#)

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]).