

## Product datasheet for PH305891

### RBP5 (NM\_031491) Human Mass Spec Standard

#### Product data:

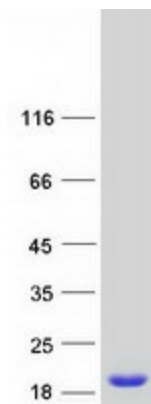
Product Type:	Mass Spec Standards
Description:	RBP5 MS Standard C13 and N15-labeled recombinant protein (NP_113679)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205891
Predicted MW:	15.9 kDa
Protein Sequence:	>RC205891 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPPNLTGYRFFVSQKNMEDYLQALNISLAVRKIALLLKPDKEIEHQGNHMTVRTLSTFRNYTVQFDVGVVE FEEDLRSVDGRKCQTIVTWEELVLCVQKGEVNPNGWRHWLEGEMLYLELTARDAVCEQVFRKVR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_113679</a>
RefSeq Size:	968
RefSeq ORF:	405
Synonyms:	CRBP-III; CRBP3; CRBP3III; HRBPiso
Locus ID:	83758
UniProt ID:	<a href="#">P82980</a>
Cytogenetics:	12p13.31



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**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]).