

## Product datasheet for PH317969

### RbAp46 (RBBP7) (NM\_002893) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RBBP7 MS Standard C13 and N15-labeled recombinant protein (NP_002884)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217969
Predicted MW:	47.8 kDa
Protein Sequence:	>RC217969 protein sequence Red=Cloning site Green=Tags(s)

MASKEMFEDTVEERVINEEYKIWKKNTPFLYDLVMTHALQWPSLTVQWLPEVTKPEGKDYALHWLVLGTH  
TSDEQNHLLVVARVHIPNDDAQFDASHCDSKGEFGGFSVTGKIECEIKINHEGEVNRARYMPQNPHIIA  
TKTPSSDVLVFDYTKHPAKPDPSGECNPDLRLRGHQKEGYGLSWNSNLSGHLLSASDDHTVCLWDINAGP  
KEGKIVDAKAIFTGHSVVEDVAWHLHESLFGSVADDQKLMIWDRSNTTSKPSHLVDAHTAEVNCLSF  
NPYSEFILATGSADKTVALWDLRNLKLLHTFESHKDEIFQVHWSPHNETILASSGTDRLRNVDLSKIG  
EEQSAEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWVICSVSEDNIMQIWQMAENIYNDEESDVTSEL  
EGQGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_002884</a></u>
RefSeq Size:	2021
RefSeq ORF:	1275
Synonyms:	RbAp46



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Locus ID: 5931

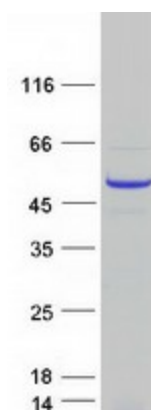
UniProt ID: [Q16576](#), [Q6FHQ0](#)

Cytogenetics: Xp22.2

**Summary:** This protein is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that binds directly to retinoblastoma protein, which regulates cell proliferation. The encoded protein is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified RBBP7 protein (Cat# [TP317969]). The protein was produced from HEK293T cells transfected with RBBP7 cDNA clone (Cat# [RC217969]) using MegaTran 2.0 (Cat# [TT210002]).