

## Product datasheet for PH308761

### RbAp48 (RBBP4) (NM\_005610) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RBBP4 MS Standard C13 and N15-labeled recombinant protein (NP_005601)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208761
Predicted MW:	47.7 kDa
Protein Sequence:	>RC208761 protein sequence Red=Cloning site Green=Tags(s)

MADKEAAFDDAVEERVINEEYKIWKNTPFLYDLVMTHALEWPSLTAQWLPDVTRPEGKDFSIHRLVLGT  
HTSDEQNHLVIASVQLPNDDAQFDASHYDSEKGEFGGFGSVSGKIEIEIKINHEGEVNRARYMPQNPCII  
ATKTPSSDVLVFDYTKHPSKPDPSGECNPDRLRLRGHQKEGYGLSWNPNSGHLLSASDDHTICLWDISAV  
PKEGKVVDAKTIFTGHTAVVEDVSWHLLHESLFGSVADDQKLMIWDRSNNTSKPSHSDAHTAEVNCL  
FNPYSEFILATGSADKTVALWDLRNLKLLHFSFESHKDEIFQVQWSPHNETILASSGTDRLNVWDLSKI  
GEEQSPEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWVICSVSEDNIMQVWQMAENIYNDEDPEGSVDP  
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- 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:	<u>NP_005601</u>
RefSeq Size:	7943
RefSeq ORF:	1275
Synonyms:	lin-53; NURF55; RBAP48



[View online »](#)

Locus ID: 5928

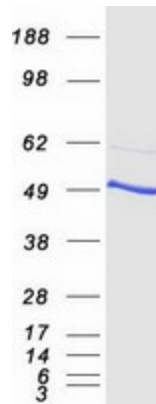
UniProt ID: [Q09028](#)

Cytogenetics: 1p35.1

**Summary:** This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified RBBP4 protein (Cat# [TP308761]). The protein was produced from HEK293T cells transfected with RBBP4 cDNA clone (Cat# [RC208761]) using MegaTran 2.0 (Cat# [TT210002]).