

## Product datasheet for PH312902

### RANBP9 (NM\_005493) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RANBP9 MS Standard C13 and N15-labeled recombinant protein (NP_005484)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212902
Predicted MW:	77.7 kDa
Protein Sequence:	>RC212902 representing NM_005493 Red=Cloning site Green=Tags(s)

MSGQPPPPPPQQQQQQQLSPPPAALAPVSGVLPAPPAVSAGSSPAGSPGGGAGGEGLGAAAAALLH  
PPPPPPATAAPPPPPPPPPASAAAAPASGPPAPPGLAAGPGPAGGAPTPALVAGSSAAAPPHGDSAL  
NEQEKELQRRLKRLYPVDEQETPLPRSWSPKDKFSYIGLSQNNLRVHYKGHGKTPKDAASVRATHPIPA  
ACGIYYFEVKIVSKGRDGYMGIGLSAQGVNMNRLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTGDV  
IGCCVNLINNTCFYTKNGHSLGIAFTDLPPNL YPTVGLQTPGEVVDANFGQHPFVFDIEDYMREWRTKIQ  
AQIDRFPIGDREGEWQTMIQMVSSYL VHHGYCATAEAFARSTDQTVLEELASIKNRQRIQKLVLAGRMG  
EAIETTQQLYPSLLERNPNLLFTLKVRQFIEMVNGTDSEVRCLGGRSPKSQDSYPVSPRPFSSPSMSPSH  
GMNIHNLASGKGSTAHFSGFESCSNGVISNKAHQSYCHSNKHQSSNLNVPENLINSINMSRSQQVNNFTSND  
VDMETDHSYNGVGETSSNGFLNGSSKHDHEMEDCDTEMEVDSSQLRRQLCGGSQAAIERMIHFRELQAM  
SEQLRRDCGKNTANKMLKDAFSL LAYS DPWNSPVGNQLDPIQREPVCSALNSAILETHNLPKQPPLALA  
MGQATQCLGLMARSIGSCAFATVEDYLH

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><a href="#">NP_005484</a></u>



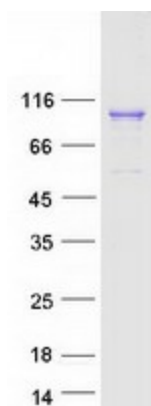
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RefSeq Size:	3132
RefSeq ORF:	2187
Synonyms:	BPM-L; BPM90; RanBP7; RANBPM
Locus ID:	10048
UniProt ID:	<a href="#">Q96S59</a> , <a href="#">A0A024QZW3</a>
Cytogenetics:	6p23

**Summary:** This gene encodes a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein encoded by this gene has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified RANBP9 protein (Cat# [TP312902]). The protein was produced from HEK293T cells transfected with RANBP9 cDNA clone (Cat# [RC212902]) using MegaTran 2.0 (Cat# [TT210002]).