

## Product datasheet for PH317960

### RBFOX1 (NM\_018723) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	A2BP1 MS Standard C13 and N15-labeled recombinant protein (NP_061193)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217960
Predicted MW:	42.6 kDa
Protein Sequence:	>RC217960 representing NM_018723 Red=Cloning site Green=Tags(s)
	MNCEREQLRGNQEAAAAPDTMAQPYASAQFAPPQNGIPAEYTAHPHPAPEYTGQTTVPEHTLNLYPFAQ THSEQSPADTSAQTVSGTATQTDDAAPTQGQPQTQPSSENTENKSQPKRLHVSNIPIFRFRDPDLRQMFQGF GKILDVEIIFNERGSKGFGVTFENSADADRAREKLHGTVVEGRKIEVNNATARVMTNKKTVNPTYNGWK LNPVVGAVYSPEFYAGTVLLCQANQEGSSMYSAPSSLVYTSAMPGFYPAAATAAAAYRGAHLRGRGRTVY NTFRAAAPPPPIPAYGGVYQDGFYGADIYGGYAAARYAQPTPATAAAYSDSYGRVYAADPYHHALAPAP TYGVGAMNAFAPLTDKTRSHADDVGLVLSLQASIRGGYNRFAPY
	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:	<a href="#">NP_061193</a>
RefSeq Size:	2279
RefSeq ORF:	1191
Synonyms:	2BP1; A2BP1; FOX-1; FOX1; HRNBP1
Locus ID:	54715



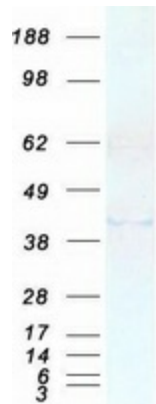
[View online »](#)

UniProt ID: [Q9NWB1](#), [Q59HD3](#)

Cytogenetics: 16p13.3

**Summary:** The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns. The protein binds to the C-terminus of ataxin-2 and may contribute to the restricted pathology of spinocerebellar ataxia type 2 (SCA2). Ataxin-2 is the product of the SCA2 gene which causes familial neurodegenerative diseases. Fox-1 and ataxin-2 are both localized in the trans-Golgi network. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

### Product images:



Coomassie blue staining of purified RBFOX1 protein (Cat# [TP317960]). The protein was produced from HEK293T cells transfected with RBFOX1 cDNA clone (Cat# [RC217960]) using MegaTran 2.0 (Cat# [TT210002]).