

## Product datasheet for TP317960L

### RBFOX1 (NM\_018723) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ataxin 2-binding protein 1 (A2BP1), transcript variant 4, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217960 representing NM_018723 Red=Cloning site Green=Tags(s)

MNCEREQLRGNQEAAAAPDTMAQPYASAFAPPQNGIPA EYTAPHPHPAPEYTGQTTVPEHTLNLYPPAQ  
THSEQSPADTSAQTVSGTATQTDDAAPT DGGPQTQPSSENTENKSQPKRLHVSNI PFRFRDPDLRQMFGQF  
GKILDVEIIFNERGSKGFGFVTFENSADADRAREKLHGTVVEGRKIEVNNATARVMTNKKTVNPYNGWK  
LNPVVGAVYSPEFYAGTVLLCQANQEGSSMYSAPSSLVYTSAMPGFYPAATAAAAYRGAHLRGRRTVY  
NTFRAAAPPPPIPAYGGVYQDGFYGADIYGGYAA YRYAQPTATAAAAYS DSYGRVYAADPYHHALAPAP  
TYVVGAMNAFAPLTD AKTRSHADDVGLVLSLQAS IYRGGYNRFAPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	42.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_061193</a>
Locus ID:	54715



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

RefSeq Size: 2279

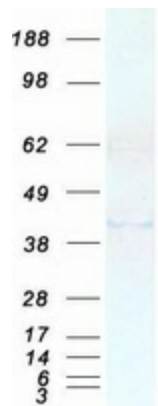
Cytogenetics: 16p13.3

RefSeq ORF: 1191

Synonyms: 2BP1; A2BP1; FOX-1; FOX1; HRNBP1

**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]).