

Product datasheet for TP317960

RBFOX1 (NM_018723) Human Recombinant Protein

Product data:

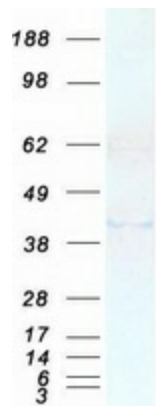
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ataxin 2-binding protein 1 (A2BP1), transcript variant 4, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217960 representing NM_018723 Red=Cloning site Green=Tags(s)
	MNCEREQLRGNQEAAAAPDTMAQPYASAFAPPQNGIPA EYTAPHHPAPEYTGQTTVPEHTLNLYPPAQ THSEQSPADTSAQTVSGTATQTDDAAPTGGPQTQPSSENTENKSQPKRLHVSNI PFRFRDPDLRQMFGQF GKILDVEIIFNERGSKGFGFVTFENSADADRAREKLHGT VVEGRKIEVNNATARVMTNKKTVNPYNGWK LNPVVGAVYSPEFYAGTVLLCQANQEGSSMYSAPSSLVYTSAMPGFYPYAATAAAAYRGAHLRGRRTVY NTFRAAAPPPPIPAYGGVYQDGFY GADIYGGYAA YRYAQPTATAAA YSDSYGRVYAADPYHHALAPAP TYGVGAMNAFAPLTD AKTRSHADDVGLVLSLQASIYRG GYNRFAPY
	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:	<u>NP_061193</u>
Locus ID:	54715



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UniProt ID:	<u>Q9NWB1</u> , <u>Q59HD3</u>
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]).