

Recombinant Human RBFOX1 Protein, His-tagged

Cat. No. RBFOX1-657H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RBFOX1 protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	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]
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Molecular Mass	42.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	RNA binding protein, fox-1 homolog 1[Homo sapiens]
Official Symbol	RBFOX1
Synonyms	2BP1; A2BP1; FOX-1; FOX1; HRNBP1
Gene ID	54715
mRNA Refseq	NM_018723.3
Protein Refseq	NP_061193.2
MIM	605104
UniProt ID	Q9NWB1

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