

Recombinant Mouse Rbfox1 Protein, Myc/DDK-tagged

Cat. No. Rbfox1-5406M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RNA binding protein, fox-1 homolog (<i>C. elegans</i>) 1 (Rbfox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis. Seems to act as a coregulatory factor of ER-alpha.
Molecular Mass	43.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rbfox1 RNA binding protein, fox-1 homolog (C. elegans) 1 [Mus musculus (house mouse)]
Official Symbol	Rbfox1
Synonyms	RBFOX1; RNA binding protein, fox-1 homolog (C. elegans) 1; RNA binding protein fox-1 homolog 1; fox-1 homolog A; ataxin 2 binding protein 1; ataxin-2-binding protein 1; hexaribonucleotide binding protein 1; A2bp; A2bp1; fox-1; Hrnbp1
Gene ID	268859
mRNA Refseq	NM_021477
Protein Refseq	NP_067452
UniProt ID	Q9JJ43

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