



# Recombinant Human RNA binding protein fox-1 homolog 2 (RBFOX2)

<b>Product Code</b>	CSB-EP019439HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43251
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQNEPLTPGY HGFPARDSQG NQEPTTTPDA MVQPFTTIPF PPPPQNGIPT  EYGVPHQTQDY AGQTGEHNLT LYGSTQAHGE QSSNSPSTQN  GSLTTEGGAQ TDGQQSQTS SENSESKSTP KRLHVSNIPI RFRDPDLRQM  FGQFGKILDV EIIFNERGSK GFGFVTFENS ADADRAREKL HGTVVEGRKI  EVNNATARVM TNKKMVTPIYA NGWKLSPVVG AVYGPELYAA SSFQADVSLG  NDAAVPLSGR GGINTYIPLI SLPLVPGFPY PTAATTAAAF RGAHLRGRGR  TVYGAVRAVP PTAIPAYPGV VYQDGFY GAD LYGGYAAARY AQPATATAAT  AAAAAAAAAYS DGYGRVYTAD PYHALAPAAS YGVGAVASLY RGGYSRFAPY</p>
<b>Source</b>	E.coli
<b>Target Names</b>	RBFOX2
<b>Protein Names</b>	<p>Recommended name: RNA binding protein fox-1 homolog 2  Alternative name(s): Fox-1 homolog B Hexaribonucleotide-binding protein 2 RNA-binding motif protein 9 RNA-binding protein 9 Repressor of tamoxifen transcriptional activity</p>
<b>Expression Region</b>	1-390
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	<p>This gene is one of several human genes similar to the <i>C. elegans</i> gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.