



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

Product Code	CSB-BP019439HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43251
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MQNEPLTPGY HGFPARDSQG NQEPTTTPDA MVQPFTTIPF PPPPQNGIPT EYGVPHQTQDY AGQTGEHNLT LYGSTQAHGE QSSNSPSTQN GSLTTEGGAQ TDGQQSQTQS SENSESKSTP KRLHVSNIPI RFRDPDLRQM FGQFGKILDV EIIFNERGSK GFGFVTFENS ADADRAREKL HGTVVEGRKI EVNNATARVM TNKKMVTPIYA NGWKLSPVVG AVYGPELYAA SSFQADVSLG NDAAVPLSGR GGINTYIPLI SLPLVPGFPY PTAATTAAAF RGAHLRGRGR TVYGAVRAVP PTAIPAYPGV VYQDGFY GAD LYGGYAAARY AQPATATAAT AAAAAAAAYS DGYGRVYTAD PYHALAPAAS YGVGAVASLY RGGYSRFAPY</p>
Source	Baculovirus
Target Names	RBFOX2
Protein Names	<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>
Expression Region	1-390
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	<p>This gene is one of several human genes similar to the C. elegans 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>
Reconstitution	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.

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.