Recombinant Mouse Myocyte-specific enhancer factor 2B (Mef2b)

Product Code	CSB-YP013672MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O55087
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MGRKKIQISR ILDQRNRQVT FTKRKFGLMK KAYELSVLCD CDIALIIFNS AQRLFQYASS DMDRVLLKYT EYSEPHESRT NADILQTLKR RGVGLDGPEL DMEEGPEGPG EKLLRTLGGD RGSASPRPRI YPVAPAMSVS ELSYRVPPAT PGCDPGGLGE VPSVHSRPAY FRPPGLGHPI FSPSHLASKT PPPLYLATDG RRPDLPPGLV GARGGLGTSR SLYSGLQSPG APGPALGSFA FLPSGSTDCS PGDAAQGPLQ PSPWPPTRDA VDPARPVARS LCKEGPPSRG ASPPTPPVSI KSERLSPVTG TSGDFPRSFP YPLLLARPLA EPLRPSASLH RLTPDSWPR
Source	Yeast
Target Names	Mef2b
Protein Names	Recommended name: Myocyte-specific enhancer factor 2B
Expression Region	1-349
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	The product of this gene is a member of the MADS/MEF2 family of DNA binding proteins. The protein is thought to regulate gene expression, including expression of the smooth muscle myosin heavy chain gene. This region undergoes considerable alternative splicing, with transcripts supporting two non-overlapping loci (geneID:729991 and 100271849) as well as numerous read-through transcripts that span both loci (annotated as geneID:4207). Several isoforms of this protein are expressed from either this locus or from some of the read-through transcripts annotated on geneID:4207.
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.