Recombinant Mouse Lamin-B2 (Lmnb2)

Product Code	CSB-YP013005MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P21619
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MASLPPHAGP ATPLSPTRLS RLQEKEELRE LNDRLAHYID RVRALELEND RLLLRISEKE EVTTREVSGI KTLYESELAD ARRVLDETAR ERARLQIEIG KVQAELEEAR KSAKKREGEL TVAQGRVKDL ESLFHRSEAE LATALSDKQG LETEVAELRA QLAKAEDGHA VAKKQLEKET LMRVDLENRC QSLQEELAFS KSVFEEEVRE TRRRHERRLV EVDSSRQQEY DFKMAQALED LRSQHDEQVR LYRVELEQTY QAKLDNAKLL SDQNDKAAHA AREELKEARM RVESLSYQLL GLQKQASAAE NHIHELEEAL AGERDKFRKM LDAKEQEMTE VRDAMQQQLA EYQELLDIKL ALDMEISAYR KLLEGEEERL KLSPSPSSRI TISRATSSSS SSSGVGMSVG QGRGKRRRLE TEDTSGSPSR ASRVSSGSRL AQQTVATGVV NIDEVDPEGR FVRLKNSSDK DQSLGNWRIK RQVLEGEDIA YKFTPKYVLR AGQTVTVWAA GAGATHSPPS TLVWKSQTNW GPGESFRTAL VSADGEEVAV KAAKHSSVQG RENGEEEEEE EAEFGEEDLF HQQGDPRTTS RGC
Source	Yeast
Target Names	Lmnb2
Protein Names	Recommended name: Lamin-B2
Expression Region	1-593
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 nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B2. This gene is in a head-to-tail orientation with the gene for the translocase of inner mitochondrial membrane 13 homolog gene.
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.