Recombinant Mouse Poly [ADP-ribose] polymerase 2 (Parp2)

Product Code	CSB-MP017466MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O88554
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MAPRRQRSGS GRRVLNEAKK VDNGNKATED DSPPGKKMRT CQRKGPMAGG KDADRTKDNR DSVKTLLLKG KAPVDPECAA KLGKAHVYCE GDDVYDVMLN QTNLQFNNNK YYLIQLLEDD AQRNFSVWMR WGRVGKTGQH SLVTCSGDLN KAKEIFQKKF LDKTKNNWED RENFEKVPGK YDMLQMDYAA STQDESKTKE EETLKPESQL DLRVQELLKL ICNVQTMEEM MIEMKYDTKR APLGKLTVAQ IKAGYQSLKK IEDCIRAGQH GRALVEACNE FYTRIPHDFG LSIPPVIRTE KELSDKVKLL EALGDIEIAL KLVKSERQGL EHPLDQHYRN LHCALRPLDH ESNEFKVISQ YLQSTHAPTH KDYTMTLLDV FEVEKEGEKE AFREDLPNRM LLWHGSRLSN WVGILSHGLR VAPPEAPITG YMFGKGIYFA DMSSKSANYC FASRLKNTGL LLLSEVALGQ CNELLEANPK AQGLLRGKHS TKGMGKMAPS PAHFITLNGS TVPLGPASDT GILNPEGYTL NYNEFIVYSP NQVRMRYLLK IQFNFLQLW
Source	Mammalian cell
Target Names	Parp2
Protein Names	Recommended name: Poly [ADP-ribose] polymerase 2 Short name= PARP-2 Short name= mPARP-2 EC= 2.4.2.30 Alternative name(s): NAD(+) ADP-ribosyltransferase 2 Short name= ADPRT-2 Poly[ADP-ribose] synthase 2 Short nam
Expression Region	1-559
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	This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding

	distinct isoforms have been found.
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.