



Recombinant Mouse Cell division cycle protein 23 homolog (Cdc23)

Product Code	CSB-YP807343MO
Abbreviation	Cdc23
Storage	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.
Uniprot No.	Q8BGZ4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AANSSVSV AAAATAVPGV STVADFSDLQ EIKKQLLLIA GLTRERGLLH SSKWSAELAF SLPALPLSEL QPPPPLTEED AQDVDAITLA KAYFDVKEYD RAAHFLHGCM SKKAYFLYMY SRYLSGEKKK DDETVDSLGP LEKGQVKNEA LRELVELSR KHQARGLDGF GLYLYGVVLR KLDLVKEAID VFVEATHVLP LHWGAWLELC NLITDKEMLK FLSLPDTWMK EFFLAHIYTE LQLIEEALQK YQHLIDVGFS KSSYIVSQIA VAYHNIRDID KALSIFNELR KQDPYRIENM DTFSNLLYVR SMKSELSYLA HNLCEIDKYR VETCCVIGNY YSLRSQHEKA ALYFQRALKL NPYRLGAWTL MGHEYMEMKN TSAAIQAYRH AIEVNRDYL AWYGLGQTYE ILKMPFYCLY YYRRAHQLRP NDSRMLVALG ECEYKLNQLV EAKKCYWRAY AVGDVEKKAL VKLAKLHEQL TESEQAAQCY IKYIQDIYSC GETVEHLEES TAFRYLAQYY FKCKLWDEAS TCAQKCCAFN DTREEGKALL RQILQLRNQG ETPTSPTPGT FFLPASLSAN NTPTRRVSPN NLSSVTP
Source	Yeast
Target Names	Cdc23
Protein Names	Recommended name: Cell division cycle protein 23 homolog Alternative name(s): Anaphase-promoting complex subunit 8 Short name= APC8 Cyclosome subunit 8
Expression Region	2-597
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 of Mature Protein
Target Details	This protein shares strong similarity with <i>Saccharomyces cerevisiae</i> Cdc23, a protein essential for cell cycle progression through the G2/M transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eukaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible



for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction.

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.