



Recombinant Mouse Wee1-like protein kinase (Wee1)

Product Code	CSB-BP026084MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P47810
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MSFLSRQQPP PTRRVGAAYS LRQKLIFSPG SDCEEEEEEE EEGSGHSTGE DSAFQEPDSP LPSARSPAEA EAERRRRSPG AEPSSPGELE DDLLQGGGG GAQAAGGGAE GDSWEEEGFG SSSPVKSPST AYFLSSPFSP VRCGGPGDAS PQGCGAPRAM DDPCSPQPDY PSTPPHKTFR KLRLFDTPHT PKSLLSKARV IDSGSVKLRG SSLFMDTEKS GKREFDTRQT PQVNINPFTP DPVLLHSSGR CRGRKRAYFN DSEEDMEASD YEFEDTRPA KRITITESNM KSRYTTEFHE LEKIGSGEFG SVFKCVKRLD GCIYAIKRSK KPLAGSVDEQ NALREVYAHA VLGQHPHVVR YFSAWAEDDH MLIQNEYCNG GSLADAISEN YRVMSYLTEV ELKDLLLQVG RGLRYIHMSM LVHMDIKPSN IFISRTSIPN AVSEEGDEDD WISNKVMFKI GDLGHVTRIS SPQVEEGDSR FLANEVLQEN YSHLPKADIF ALALTVVCAA GAEPLPRNGE QWHEIRQGRL PRIPQVLSQE VTELLRVMIH PDPERRPSAM ELVKHSVLLS ASRKSAEQLR IELNAEKFKN SLLQKELKKA QMAAKVAAEE RALFTDRMAT RSTTQSNRTS RLIGKKMNRS VSLTIY
Source	Baculovirus
Target Names	Wee1
Protein Names	Recommended name: Wee1-like protein kinase EC= 2.7.10.2 Alternative name(s): Wee1A kinase
Expression Region	1-646
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 a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase.
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.