



Recombinant Human Maternal embryonic leucine zipper kinase (MELK)

Product Code	CSB-YP013692HU
Abbreviation	MELK
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.	Q14680
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKDYDELLKY YELHETIGTG GFAKVKLACH ILTGEMVAIK IMDKNTLGSD LPRIKTEIEA LKNLRHQHIC QLYHVLETAN KIFMVLEYCP GGELFDYIIS QDRLSEEETR VVFRQIVSAV AYVHSQGYAH RDLKPENLLF DEYHKLKID FGLCAKPKGK KDYHLQTCCG SLAYAPELI QGKSYLGSEA DVWSMGILLY VLMCGFLPFD DDNVMALYKK IMRGKYDVPK WLSPSSILLL QQMLQVDPKK RISMKNLLNH PWIMQDYNYP VEWQSKNPFH HLDDDCVTEL SVHHRNNRQT MEDLISLWQY DHLTATYLLL LAKKARGKPV RLRLSSFSCG QASATPFTDI KSNNSWLEDV TASDKNYVAG LIDYDWCEDD LSTGAATPRT SQFTKYWTES NGVESKSLTP ALCRTPANKL KNKENVYTPK SAVKNEEYFM FPEPKTPVNK NQHKREILT PNRYTTPSKA RNQCLKETPI KIPVNSTGTD KLMTGVISPE RRCRSVELDL NQAHMEETPK RKGAKVFGSL ERGLDKVITV LTRSKRKGSA RDGPRRLKLH YNVTTTRLVN PDQLLNEIMS ILPKKHVDFV QKGYTLKCQT QSDFGKVTMQ FELEVCQLQK PDVVGIRRQR LKGDAAVYKR LVEDILSSCK V
Source	Yeast
Target Names	MELK
Protein Names	Recommended name: Maternal embryonic leucine zipper kinase Short name= hMELK EC= 2.7.11.1 Alternative name(s): Protein kinase Eg3 Short name= pEg3 kinase Protein kinase PK38 Short name= hPK38 Tyrosine-protein ki
Expression Region	1-651
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
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.