Recombinant Maltose/maltodextrin import ATP-binding protein MalK (malK)

Product Code	CSB-MP817876EGX
Abbreviation	malK
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.	Q8FB37
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MASVQLQNVT KAWGEVVVSK DINLDIHEGE FVVFVGPSGC GKSTLLRMIA GLETITSGDL FIGEKRMNDT PPAERGVGMV FQSYALYPHL SVAENMSFGL KLAGAKKEVI NQRVNQVAEV LQLAHLLDRK PKALSGGQRQ RVAIGRTLVA EPSVFLLDEP LSNLDAALRV QMRIEISRLH KRLGRTMIYV THDQVEAMTL ADKIVVLDAG RVAQVGKPLE LYHYPADRFV AGFIGSPKMN FLPVKVTSTA IDQVQVELPM PNRQQVWLPV ESRDVQVGAN MSLGIRPEHL LPSDIADVIL EGEVQVVEQL GNETQIHIQI PSIRQNLVYR QNDVVLVEEG ATFAIGLPPE RCHLFREDGT ACRRLHKEPG V
Source	Mammalian cell
Target Names	malK
Protein Names	Recommended name: Maltose/maltodextrin import ATP-binding protein MalK EC= 3.6.3.19
Expression Region	1-371
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.