



Recombinant Methylthioribose kinase (mtnK)

Product Code	CSB-EP717905YAH-B
Abbreviation	mtnK
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.	Q66E15
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MSRYHTFTAA DAVEYARQFG QVADPQALVT ADEIGDGNLN LVFKIRDTAG ISRIVVKQAL PYVRCVGESW PLTLDRARIE AETLLTHSQF CPQHTVKVLH HDAELAVMVQ EDLSDDHHWR HELIQGNYYQ QAAEQLGEYL AQTLFHTSDF YQSAQAKKAA VSRVTNPELC QITEDLFFTD PYIDHERNNF DPVLLPEVLS LRQDKALKLA VASLKHRLS QAEALLHGDI HSGSIFVADG RLKTIDAEFG FYGPIGFDIG TALGNLLLN CGLPGLAGPR DAAAGREQRL KDVQTVWQTF AARFLALSQE KTQDPALATE GYATQFLQHV WRDAIGYCGS ELIRRTIGLA HVADLDSIDD EEMRRACQRH ALSLGRALIL VAPHVDDVGG VVARIRQSPS SLTPQRC
Source	E.coli
Target Names	mtnK
Protein Names	Recommended name: Methylthioribose kinase Short name= MTR kinase EC= 2.7.1.100
Expression Region	1-407
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.