



Recombinant Human Thymidine kinase 2, mitochondrial (TK2)

Product Code	CSB-MP023578HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00142
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	VQRRRAWP PDKEQEKEKK SVICVEGNIA SGKTTCLEFF SNATDVEVLT EPVSKWRNVR GHNPLGLMYH DASRWGLTLQ TYVQLTMLDR HTRPQVSSVR LMERSIHSAR YIFVENLYRS GKMPEVDYVV LSEWFDWILR NMDVSVDLIV YLRTNPETCY QRLKKRCREE EKVIPLEYLE AIHHLHEEWL IKGSLFMAA PVLVIEADHH MERMLELFEQ NRDRILTPEN RKHCP
Source	Mammalian cell
Target Names	TK2
Protein Names	Recommended name: Thymidine kinase 2, mitochondrial EC= 2.7.1.21 Alternative name(s): Mt-TK
Expression Region	34-265
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
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.