



Recombinant Pongo abelii Creatine kinase S-type, mitochondrial (CKMT2)

Product Code	CSB-MP725305PYX
Abbreviation	CKMT2
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.	Q5R7B5
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	E VREQPRLFPP SADYPDLRKH NNCMAECLTP AIYAKLRNKV TPNGYTLDDQC IQTGVDNPGH PFIKTVGMVA GDEESYEVFA DLFDPMVILR HNGYDPRVMK HTTDLDAKSI TQGQFDEHYV LSSRVRTGRS IRGLSLPPAC TRAERREVEN VAITALEGLK GDLAGRYYKL SEMTEQDQQR LIDDHFLFDK PVSPLLTACG MARDWPDARG IWHNYDKTFL IWINEEDHTR VISMEKGGNM KRVFERFCRG LKEVERLIQE RGWEFMWNER LGYILTCPSN LGTGLRAGVH VRIPKLSKDP RFSKILENLR LQKRGTGGVD TAAVADVYDI SNIDRIGRSE VELVQIVIDG VNYLVDCEKK LERGQDIKVP PPLPQFGKK
Source	Mammalian cell
Target Names	CKMT2
Protein Names	Recommended name: Creatine kinase S-type, mitochondrial EC= 2.7.3.2 Alternative name(s): Sarcomeric mitochondrial creatine kinase Short name= S-MtCK
Expression Region	40-419
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.