



Recombinant *Drosophila sechellia* Molybdopterin synthase catalytic subunit (GM17748)

Product Code	CSB-EP014706DMG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B4IJG7
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila sechellia</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MDHVKLVNDP IDIAHIHQLL ADEGCGASSV FVGTTTRDNFQ GKKVLSLAYE AYDSMALKEM NKICSDLRSK WLDLKHIVYIY HRLGTV PVCQ ASVVIAASSP HRSEALESVS FAIDQLKTRV PIWKKEIYEG DNDSEWKENK ESIRPKKSKS GFNYAACPCCK VEESHDPVPT LVQIRVND AE LAKRLECFVN RKRDEINSQN VIDFKSSFVS SDKDLSDESCA RTQSTIIKQE QSNCHLKVRR VNNRCGPQQM EMRPNYE LEL NKLMGSRDGQ TDPTKEMRKS LPNSRLQAIE SYMGLTTDNE ENIFSR IKRV ENRLQLESI SPEYRHFTKR EPSSMEAAPP KKIRKKSYS A QELSAFIQKV KDGSEFS
Source	E.coli
Target Names	Mocs2
Protein Names	Recommended name: Molybdopterin synthase catalytic subunit EC= 2.8.1.12 Alternative name(s): Molybdenum cofactor synthesis protein 2 large subunit Molybdenum cofactor synthesis protein 2B Short name= MOCS2B
Expression Region	1-367
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.