



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

<b>Product Code</b>	CSB-EP014706DMG-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B4IJG7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Drosophila sechellia</i> (Fruit fly)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDHVKLVNDP IDIAHIHQLL ADEGCGASSV FVGTTTRDNFQ GKKVLSLAYE AYDSMALKEM NKICSDLRSK WLDLKHIVYIY HRLGTV PVCQ ASVVIAASSP HRSEALESVS FAIDQLKTRV PIWKKEIYEG DNDSEWKENK ESIRPKKSKS GFNYAACPK VEESHDPRT LVQIRVND AE LAKRLECFVN RKRDEINSQN VIDFKSSFVS SDKDLS DCA RTQSTIIKQE QSNCHLKVRR VNNRCGPQQM EMRPNYE LEL NKLMGSRDGQ TDPTKEMRKS LPNSRLQAIE SYMGLTTDNE ENIFSR IKRV ENRLQLESI SPEYRHFTKR EPSSMEAAPP KKIRKKSYS A QELSAFIQKV KDGSEFS
<b>Source</b>	E.coli
<b>Target Names</b>	Mocs2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-367
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.