



Recombinant *Drosophila melanogaster* Molybdopterin synthase catalytic subunit (Mocs2)

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|--------------------------|---|
| Product Code | CSB-EP893254DLU-B |
| Abbreviation | Mocs2 |
| 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. | Q9VBX2 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Drosophila melanogaster</i> (Fruit fly) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MDHVKLVNDP IDIAHIHQLL ADEGCGASSV FVGTTTRDNFQ GKKVLSLAYE AYDSMALKEM NKICSDLRSK WLDLKHIVYI HRLGTVPVCE ASVIAASSP HRSEALESVS FAIDQLKTRV PIWKKEIYDG DNDSEWKENK ESIRPKKSKS GFNYAACPCK VEESHDPVPT LVQIRVND AE LTKRLECFVN RKRDEINSQN VIDFKSSFVS SDQNLSDSCA RTQSTIIKQE QSNCHLKVRR VNNRCGPQQM EMRPNYELEL NKLMGSRDGQ TDPTKEMRKS LPNSRLQAIE SYMGLTTDNE ENIFSRKRV ENRLQLESI SPEYRHFTKR EPSSMEAAPP KKSRRKSYSA QELSAFIQKI KDGSELS |
| Source | <i>E. coli</i> |
| 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. |
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