



Recombinant *Oryza sativa* subsp. japonica Adenylyltransferase and sulfurtransferase MOCS3 (MOCS3)

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| Product Code | CSB-EP014707OFG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | A3ACF3 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. japonica (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MEGGGDDDDGG RSRAEAIMRE LERLRAEREE LDGRIRLLES QLRLGAAPLP PSAAAEVEPT GSPSSSSSSAA ADMISRYRRH LLLPQFGLEG QRKLSQSSIL VVGAGGLGSP VAMYLAACGV GCLGIVDGDR VELDNLHRQI IHIEAYVGQP KVKSTAASCR AYDIVVDATN NLPSRYMISD CCVLMNKPLI SGSAVGLEGG LTVYHHNGSP CYRCLYPNPP SSPTSQSCSD NGILGILPGV IGCLQALEAI KVATAVGKPL CGRMLHFDAL SSHTRIVKIS RSSPTCKVCG ENPVFTKEDF VNFDYESFTQ SPMSKNSTTR SLNLLPENAR VSCRDYKKVL DSGRPHLLVD VRPSHHFQIA SMAHSINVPL SLLEEKPLLL RDSAREVSSR RDGRQHCPVY VICRRGNDSQ VAVQILRENG FLYASDVAGG FESWAKEVDP SFLLY |
| Source | E.coli |
| Target Names | MOCS3 |
| Protein Names | Recommended name: Adenylyltransferase and sulfurtransferase MOCS3 Alternative name(s): Molybdenum cofactor synthesis protein 3 Including the following 2 domains: Molybdopterin-synthase adenylyltransferase EC= 2.7.7.80 Alternative na |
| Expression Region | 1-445 |
| 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. |