



# Recombinant Multicopper oxidase mco (mco)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-YP724350FKZ  |
| <b>Abbreviation</b>      | mco  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q69HT9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Staphylococcus aureus  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MMDMKENDQK RNDMMDMKSH DERKNLNSSQ GKNEITFPKV<br>LDPKKDNGY KSYTLKAQKG KTEFYKGNFS NTLGYNGNLL GPTLKLKKGD<br>KVKIKLVNNL DENTTFHWHG LEIDGKVDGG PSQVIKPGKE KTIKFEVKQE<br>AATLWYHPHP SPNTAKQVYN GLSGLLYIED DKKNNYPSNY GKNDLPIIIQ<br>DKTFVSKKLN YTKTKDEDGT QGDTVLVNGK VDPKLTTKEG KIRLRLNNGS<br>NARDLNLKLS NNQSFEYIAS EGGHLEKTKK LKEINLAPSA RKEIVIDLSK<br>MKEDKVNLDV NDETIVLPII NKEKSTNKDT TPKVDKKIKL EGMDDNVTIN<br>GKKFDPNRID FTQKVNRKET WEIENVKDKM SGMKHPFHIH GTQFKVLSVD<br>GKKPSEDMRG KKDVISLEPG QKAKIEVVK NTGTYMFHCH ILEHEDNGMM<br>GQIKVTK |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | mco  |
| <b>Protein Names</b>     | Recommended name: Multicopper oxidase mco EC= 1.-.-.-  |
| <b>Expression Region</b> | 1-447  |
| <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.<br>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.   |