



Recombinant Cupriavidus pinatubonensis Alpha-ketoglutarate-dependent 2,4-dichlorophenoxyacetate dioxygenase (tfdA)

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|--------------------------|---|
| Product Code | CSB-MP320717DZR |
| 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. | P10088 |
| Product Type | Recombinant Protein |
| Immunogen Species | Cupriavidus necator (strain JMP 134 / LMG 1197) (Ralstonia eutropha (strain JMP 134)) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSVVANPLHP LFAAGVEDID LREALGSTEV REIERLMDEK SVLVFRGQPL SQDQQIAFAR NFGPLEGGFI KVNQRPSRFK YAELADISNV SLDGKVAQRD AREVVGNFAN QLWHS DSSFQ QPAARYSMLS AVVPPSGGD TEFCDMRAAY DALPRDLQSE LEGLRAEHYA LNSRFLGDT DYSEAQRNAM PPVNWPLVRT HAGSGRKFLF IGASHASHVEG LPVAEGRMLL AELLEHATQR EFVYRHRWNV GDLVMWDNRC VLHRGRRYDI SARRELRRAT TLDDAVV |
| Source | Mammalian cell |
| Target Names | tfdA |
| Protein Names | Recommended name: Alpha-ketoglutarate-dependent 2,4-dichlorophenoxyacetate dioxygenase Short name= 2,4-D dioxygenase EC= 1.14.11.- |
| Expression Region | 1-287 |
| 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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