



Recombinant *Pseudomonas putida* Putidaredoxin reductase (camA)

Product Code	CSB-EP325841FFZ
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.	P16640
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MNANDNVVIV GTGLAGVEVA FGLRASGWEG NIRLVGDATV IPHHLPLSK AYLAGKATAE SLYLRTPDAY AAQNIQLLGG TQVTAINRDR QQVILSDGRA LDYDRLVLAT GGRPRPLPVA SGAVGKANNF RYLRTLEDAE CIRRLIADN RLVVIGGGYI GLEVAATAIK ANMHVTLTDT AARVLERVTA PPVSAFYEHL HREAGVDIRT GTQVCGFEMS TDQQKVAVL CEDGTRLPAD LVIAGIGLIP NCELASAAGL QVDNGIVINE HMQTSDFPLIM AVGDICARFHS QLYDRWVRIE SVPNALEQAR KIAAILCGKV PRDEAAPFW SDQYEIGLKM VGLSEGYDRI IVRGLAQPDP FSVFYLQGDR VLAVDTVNRP VEFNQSKQII TDRLPVEPNL LGDESVPLKE IIAAKAELS SA
Source	<i>E. coli</i>
Target Names	camA
Protein Names	Recommended name: Putidaredoxin reductase EC= 1.18.1.-
Expression Region	1-422
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.