



Recombinant Kocuria rosea Putrescine oxidase (puo)

Product Code	CSB-EP328198KAO
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.	P40974
Product Type	Recombinant Protein
Immunogen Species	Kocuria rosea (Deinococcus erythromyxa) (Micrococcus rubens)
Purity	≥85% (SDS-PAGE)
Sequence	MTDQRTLGS E TAIERDVVV GAGPAGLMAA RTLVAAGRTV AVLEARDRVG GRTWSKTV D G AFLEIGGQWI SPDQTELLAL VDELGLETYQ RYREGESVYL APDGTRHTYT GSMFPAGEST IVEMEKLVAL LDGLVAEIGA TEPWAHPAAR ELDTISFHHW LRQHSDD EAA CSNIGIFVAG GMLTKPAHAF SVLQAVLMAA SAGSFSNLVD EDFILDRRVV GGMQSVSETM AAELGEDVVF LDTPVVRTIRW AGDGGTYAEH VPGTPVTWWS DRLTVRAKDV VVAVPPNLYS RISFEPPLPR LQHQMHHQHS LGLVIKVHAV YETPFWRDKG LSGTGFGAHE LSQEVYDNTN HGDPRGTLVG FVSDERADEL FGLPAEERRR LILESLSHYL GEEALHPVVY YESDFGSEEW TRGAYAASYD LGGLHRYGAH QRTPVGPIRW ACSDLAAEGY QHVDGALRQG RLAAAEVLGA GSLTGAER
Source	E.coli
Target Names	puo
Protein Names	Recommended name: Putrescine oxidase EC= 1.4.3.10
Expression Region	1-478
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.