



Recombinant Pig Uricase (UOX)

Product Code	CSB-EP025648PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P16164
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	AHYRNDYKK NDEVEFVRTG YGKDMIKVLH IQRDGKYHSI KEVATSVQLT LSSKKDYLHG DNSDVIPTDT IKNTVNLAK FGIKSIETF AVTICEHFLS SFKHVIRAQV YVEEVPWKRF EKNGVKHVHA FIYTPTGTHF CEVEQIRNGP PVIHSGIKDL KVLKTTQSGF EGFIKDQFTT LPEVKDRCFA TQVYCKWRYH QGRDVFDFEAT WDTVRSIVLQ KFAGPYDKGE YSPSVQKTLY DIQVLTGQQV PEIEDMEISL PNIHYLNIDM SKMGLINKEE VLLPLDNPYG RITGTVKRKL TSRL
Source	E.coli
Target Names	UOX
Protein Names	Recommended name: Uricase EC= 1.7.3.3 Alternative name(s): Urate oxidase
Expression Region	2-304
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 of Mature Protein
Target Details	Urate oxidase is an enzyme that catalyzes the oxidation of uric acid to allantoin. This gene has been inactivated by mutation and is nonfunctional in humans and some other primates.
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.