



# Recombinant Pig Uricase (UOX)

<b>Product Code</b>	CSB-MP025648PI
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P16164
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AHYRNDYKK NDEVEFVRTG YGKDMIKVLH IQRDGYHSI KEVATSVQLT LSSKKDYLHG DNSDVIPTDT IKNTVNVLAK FKGKSIETF AVTICEHFLS SFKHVIRAQV YVEEVPWKRF EKNGVKHVHA FIYPTGTHF CEVEQIRNGP PVIHSGIKDL KVLKTTQSGF EGFIKDQFTT LPEVKDRCFA TQVYCKWRYH QGRDVFDFEAT WDTVRSIVLQ KFAGPYDKGE YSPSVQKTLY DIQVLTGQV PEIEDMEISL PNIHYLNIDM SKMGLINKEE VLLPLDNPYG RITGTVKRKL TSRL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	UOX
<b>Protein Names</b>	Recommended name: Uricase EC= 1.7.3.3 Alternative name(s): Urate oxidase
<b>Expression Region</b>	2-304
<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 of Mature Protein
<b>Target Details</b>	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.
<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. 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.