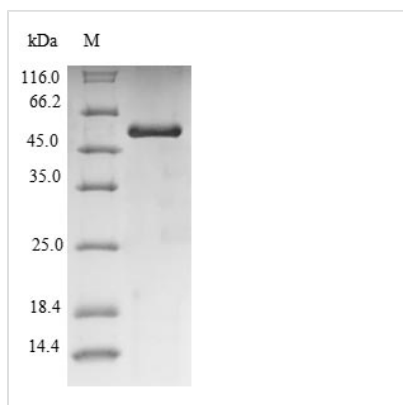




Recombinant Pig Uricase (UOX)

Product Code	CSB-EP025648PI
Relevance	Catalyzes the oxidation of uric acid to 5-hydroxyisourate, which is further processed to form (S)-allantoin.
Abbreviation	Recombinant Pig UOX protein
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.	P16164
Alias	Urate oxidase
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAHYRNDYKKNDEVEFVRTGYGKDMIKVLHIQRDGYHSIKEVATSVQLTLSS KKDYLHGDNSDVIPTDTIKNTVNVLAKFKGIKSIETFAVTICEHFLSSFKHVIRAQ VYVEEVPWKRFKNGVKHVHAFIYTPTGTHFCEVEQIRNGPPVIHSGIKDLKVL KTTQSGFEGFIKDQFTTLPEVKDRCFATQVYCKWRYHQGRDVFDEATWDTVR SIVLQKFAGPYDKGEYSPSVQKTLTYDIQVLTGQVPEIEDMEISLPNIHYLNIDM SKMGLINKEEVLLPLDNPYGRITGTVKRKLTSLR
Research Area	Others
Source	E.coli
Target Names	UOX
Protein Names	Recommended name: Uricase EC= 1.7.3.3 Alternative name(s): Urate oxidase
Expression Region	1-304aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	51.0kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.