



Recombinant *Saccharomyces cerevisiae* Thiol-specific monooxygenase (FMO1)

Product Code	CSB-YP330947SVG
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.	P38866
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTVNDKKRLA IIGGGPGGLA AARVFSQSLP NFEIEIFVKD YDIGGVWHYP EQKSDGRVMY DHLETNISKK LMQFSGFPFE ENVPLYPSRR NIWEYLKAYY KTFIANKDAI SIHFSTEVTY LKKKNSQWEI TSKDELRTTK SDFDFVIVAS GHYSVPKLPT NIAGLDLWFD NKGAFHSKDF KNCEFAREKV VIVVGNGSSG QDIANQLTTV AKKVYNSIKE PASNQLKAKL IETVQTIDSA DWKNRSVTL DGRVLQIDY IIFATGYYS FPFIEPSVRL EVLGEGVTGD KHSSVNLHNL WEHMIYVKDP TLSFILTPQL VIPFPLSELQ AAIMVEVFCK SLPITTFDS NACGTHNFPK GKDLEYAEL QELLNSIPRR VGHFEPVVD DRLIDLRNSS YTDKEERNVL LAEHAQALKK KKAPYFLPAP HT
Source	Yeast
Target Names	FMO1
Protein Names	Recommended name: Thiol-specific monooxygenase EC= 1.14.13.- Alternative name(s): Flavin-dependent monooxygenase
Expression Region	1-432
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.