



Recombinant Pongo abelii Inositol oxygenase (MIOX)

Product Code	CSB-EP716229PYX
Abbreviation	MIOX
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.	Q5REY9
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	MKVTVGPDPS LVYRPDVDPE MAKDKASFRN YTSGPLLDRV FTTYKLMHHTH QTVDFVRSKH AQFGGFSYKK MTVMEAVDLL DGLVDESDPD VDFPNSFHAF QTAEGIRKAH PDKDWFHLVG LLHDLGKVLA LFGEPQWAVV GDTFPVGCRP QASVVFCDST FQDNPDLDQP RYSTEGLMYQ PHCGLDRVLM SWGHEDEYMYQ VMKFNKFSLP PEA FYMIRFH SFYPWHTGSD YQQLCSQQDL AMLPWVQEFN KFDLYTKCPD LPDVDKLRPY YQGLIDKYCP GILSW
Source	E.coli
Target Names	MIOX
Protein Names	Recommended name: Inositol oxygenase EC= 1.13.99.1 Alternative name(s): Myo-inositol oxygenase Short name= MI oxygenase
Expression Region	1-285
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.