



Recombinant Human Inositol oxygenase (MIOX)

Product Code	CSB-EP866220HU-B
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.	Q9UGB7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKVTVGPDPDS LVYRPDVDPE VAKDKASFRN YTSGPLLDREV FTTYKLMHTH QTVDFVRSKH AQFGGFSYKK MTVMEAVDLL DGLVDESDPD VDFPNSFHAF QTAEGIRKAH PDKDWFHLVG LLHDLGKVLA LFGEPQWAVV GDTFPVGCRR QASVVFCDST FQDNPDLDQDP RYSTEELGMYQ PHCGLDRVLM SWGHDDEYMYQ VMKFNKFSLP PEA FYMIRFH SFYPPWHTGRD YQQLCSQQDL AMLPWWREFN KFDLYTKCPD LPDVKLRPY YQGLIDKYCP GILSW
Source	E.coli
Target Names	MIOX
Protein Names	Recommended name: Inositol oxygenase EC= 1.13.99.1 Alternative name(s): Aldehyde reductase-like 6 Kidney-specific protein 32 Myo-inositol oxygenase Short name= MI oxygenase Renal-specific oxidoreductase
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.