



Recombinant Mouse POU domain, class 5, transcription factor 1 (Pou5f1)

Product Code	CSB-MP018403MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P20263
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MAGHLASDFA FSPPPGGGDG SAGLEPGWVD PRTWLSFQGP PGGPGIGPGS EVLGISPCPP AYEF CGGMAY CGPQVGLGLV PQVGVETLQP EGQAGARVES NSEGTSSEPC ADRPNAVKLE KVEPTPEESQ DMKALQKELE QFAKLLKQKR ITLGYTQADV GLTLGVLF GK VFSQTTICRF EALQLSLKNM CKLRPLLEKW VEEADNNENL QEICKSETLV QARKRKRTSI ENRVRSLET MFLKCPKPSL QQITHIANQL GLEKDVVRVW FCNRRQKGKR SSI EYSQREE YEATGTPFPG GAVSFPLPPG PHFGTPGYGS PHFTTLYSVP FPEGEAFPSV PVTALGSPMH SN
Source	Mammalian cell
Target Names	Pou5f1
Protein Names	Recommended name: POU domain, class 5, transcription factor 1 Alternative name(s): NF-A3 Octamer-binding protein 3 Short name= Oct-3 Octamer-binding protein 4 Short name= Oct-4 Octamer-binding transcription factor 3 S
Expression Region	1-352
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.