



Recombinant Macaca mulatta POU domain, class 5, transcription factor 1 (POU5F1)

Product Code	CSB-MP716372MOW
Abbreviation	POU5F1
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.	Q5TM49
Product Type	Recombinant Protein
Immunogen Species	Macaca mulatta (Rhesus macaque)
Purity	>85% (SDS-PAGE)
Sequence	MAGHLASDFA FSPPPGGGGD GPGGPETGWV DPRTWLSFQG PPGGPGIGPG VGGPSEVWGI PPCPPPYEFC GGMAYCGPQV GVGLVPQGGGL ETSQPEGEAG AGVESNSDGA SPEPCTVPTG AVKLEKEKLE QNPEESQDIK ALQKELEQFA KLLKQKRITL GYTQADVGLT LGVLFQKQVFS QTTICRFEAL QLSFKNMCKL RPLLQKWVEE ADNENLQEI CKAETLVQAR KRRKRTSIENR VRGSLENLFL QCPKPTLQQI SHIAQQLGLE KDVVRVWFVN RRQKGRSSS DYAQREDFEA AGSPFSGGPV SFPLAPGPHF GTPGYGSPHF TALYSSVPPF EGEAFPPVPV TTLGSPMHSN
Source	Mammalian cell
Target Names	POU5F1
Protein Names	Recommended name: POU domain, class 5, transcription factor 1 Alternative name(s): Octamer-binding protein 3 Short name= Oct-3 Octamer-binding protein 4 Short name= Oct-4 Octamer-binding transcription factor 3 Short name=
Expression Region	1-360
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.