



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

Product Code	CSB-EP018403BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O97552
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	MAGHLASDFA FSPPPGGGGD GPGGPEPGWV DPRTWMSFQG PPGGSGIGPG VVPGAENVWGL PPCPPPYDLC GGMAYCAPQV GVGVPVPPGGL ETPQPEGEAG AGVESNSEGA SPDPCAAPAG APKLDKEKLE PNPEESQDIK ALQKDLEQFA KLLKQKRITL GYTQADVGLT LGVLFQKVFV QTTICRFEAL QLSFKNMCKL RPLLQKWVEE ADNENLQEI CKAETLVQAR KRRKRTSIENR VRGNLESMFL QCPKPTLQQI SHIAQQLGLE KDVVVRVWFCN RRQKGRSSS DYSQREDFEA AGSPFTGGPV SSPLAPGPHF GTPGYGGPHF TTYLYSSVPPF EGEVFPVSVV TALGSPMHAN
Source	E.coli
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 transcription factor 3 Short name= OTF-3
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.