



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

<b>Product Code</b>	CSB-EP879986PI
<b>Abbreviation</b>	POU5F1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9TSV5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAGHLASDFA FSPPPGGGGD GPGGPEPGWV DPRTWLSFQG PPGGSGIGPG VGPGAEVWGL PACPPPYDFC GGMAYCAPQV GVGLVPQGGGL ETPQPEGEAG AGVESNSEGA SPEPCAAPAG AAKLDKEKLE PNPEESQDIK ALQKDLEQFA KLLKQKRITL GYTQADVGLT LGVLFQKVFV QTTICRFEAL QLSFKNMCKL RPLLQKWVEE ADNENLQEI CKAETLVQAR KRRKRTSIENR VRGNLESMFL QCPKPTLQQI SHIAQQLGLE KDVVRVWFCN RRQKGRSSS DYSQREDFEA AGSPFPGGPV SFPLAPGPHF GTPGYGGPHF TPLYSSVPPF EGEAFPSVSV TPLGSPMHSN
<b>Source</b>	E.coli
<b>Target Names</b>	POU5F1
<b>Protein Names</b>	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=
<b>Expression Region</b>	1-360
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.