



Recombinant Danio rerio POU domain, class 5, transcription factor 1 (pou5f1)

Product Code	CSB-YP845853DIL
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.	Q90270
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MTERAQSPTA ADCRPYEVNR AMYPQAAGLD GLGGASLQFA HGMLQDPSLI FNKAHFNIGIT PATAQTFPPF SGDFKTNDLQ GGDFTQPKHW YPFAAPEFTG QVAGATAATQ PANISPPIGE TREQIKMPSE VKTEKDVEEY GNEENKPPSQ YHLTAGTSSI PTGVNYYTPW NPNFWPGLSQ ITAQANISQA PPTPSASSPS LSPSPPGNGF GSPGFFSGGT AQNIPSAQAQ SAPRSSGSSS GGCSNSEEEE TLTTEDLEQF AKELKHKRIT LGFTQADVGL ALGNLYGKMF SQTTCRFEA LQLSFKNMCK LKPLLQRWLN EAENSENPQD MYKIERVFVD TRKRKRRTSL EGTVRSALES YFVKCPKNT LEITHISDDL GLERDVVRVW FCNRRQKGKR LALPFDDECV EAQYYEQSPP PPPHMGGTVL PGQGYPGAH PGGAPALYMP SLHRPDVFKN GFHPGLVGHL NS
Source	Yeast
Target Names	pou5f1
Protein Names	Recommended name: POU domain, class 5, transcription factor 1 Alternative name(s): POU domain protein 2
Expression Region	1-472
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.