Recombinant Human POU domain, class 3, transcription factor 4 (POU3F4)

Product Code	CSB-EP018399HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49335
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MATAASNPYS ILSSTSLVHA DSAGMQQGSP FRNPQKLLQS DYLQGVPSNG HPLGHHWVTS LSDGGPWSST LATSPLDQQD VKPGREDLQL GAIIHHRSPH VAHHSPHTNH PNAWGASPAP NPSITSSGQP LNVYSQPGFT VSGMLEHGGL TPPPAAASAQ SLHPVLREPP DHGELGSHHC QDHSDEETPT SDELEQFAKQ FKQRRIKLGF TQADVGLALG TLYGNVFSQT TICRFEGLQL SFKNMCKLKP LLNKWLEEAD SSTGSPTSID KIAAQGRKRK KRTSIEVSVK GVLETHFLKC PKPAAQEISS LADSLQLEKE VVRVWFCNRR QKEKRMTPPG DQQPHEVYSH TVKTDTSCHD L
Source	E.coli
Target Names	POU3F4
Protein Names	Recommended name: POU domain, class 3, transcription factor 4 Alternative name(s): Brain-specific homeobox/POU domain protein 4 Short name= Brain-4 Short name= Brn-4 Octamer-binding protein 9 Short name= Oct-9 Octamer-
Expression Region	1-361
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
Target Details	This gene encodes a member of the POU-III class of neural transcription factors. This gene may play a role in the mediation of epigenetic signals which induce striatal neuron-precursor differentiation. Mutations have been associated with X chromosome-linked nonsyndromic mixed deafness.
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.