



# Recombinant Human POU domain, class 4, transcription factor 3 (POU4F3)

<b>Product Code</b>	CSB-EP620877HU
<b>Abbreviation</b>	POU4F3
<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>	Q15319
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMAMNSKQPF GMHPVLQEPK FSSLHSGSEA MRRVCLPAPQ LQGNIFGSFD ESLLARAEAL AAVDIVSHGK NHPFKPDATY HTMSSVPCTS TSSTVPISHP AALTSHPHHA VHQGLEGDLL EHSPTLSVS GLGAPEHSVM PAQIHPHHLG AMGHLHQAMG MSHPHTVAPH SAMPACLSDV ESDPRELEAF AERFKQRRIK LGVTQADVGA ALANLKIPGV GSLSQSTICR FESLTLSHNN MIALKPVLQA WLEEAEEAYR EKNSKPELFN GSERKRRKRTS IAAPEKRSLE AYFAIQPRPS SEKIAAIAEK LDLKKNVVRV WFCNQRQKQK RMKYSAVH
<b>Source</b>	E.coli
<b>Target Names</b>	POU4F3
<b>Protein Names</b>	Recommended name: POU domain, class 4, transcription factor 3 Alternative name(s): Brain-specific homeobox/POU domain protein 3C Short name= Brain-3C Short name= Brn-3C
<b>Expression Region</b>	1-338
<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>Target Details</b>	This gene encodes a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. This protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic sensorineural deafness autosomal dominant type 15.
<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.

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**Shelf Life**

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