

## POU5F1 抗原（重组蛋白）

中文名称： POU5F1 抗原（重组蛋白）

英文名称： POU5F1 Antigen (Recombinant Protein)

别名： OCT3, OCT4, OTF3, OTF4, OTF-3, Oct-3, Oct-4

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-150 amino acids of human POU5F1

技术规格

<b>Full name:</b>	POU class 5 homeobox 1
<b>Synonyms:</b>	OCT3, OCT4, OTF3, OTF4, OTF-3, Oct-3, Oct-4
<b>Swissprot:</b>	Q01860
<b>Gene Accession:</b>	BC117435
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a transcription factor containing a POU homeodomain. This transcription factor plays a role in embryonic development, especially during early embryogenesis, and it is necessary for embryonic stem cell pluripotency. A translocation of this gene with the Ewing's sarcoma gene, t(6;22)(p21;q12), has been linked to tumor formation. Alternative splicing, as well as usage of alternative translation initiation codons, results in multiple isoforms, one of which initiates at a non-AUG (CUG) start codon. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12.