

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

Full name:	POU class 5 homeobox 1
Synonyms:	OCT3, OCT4, OTF3, OTF4, OTF-3, Oct-3, Oct-4
Swissprot:	Q01860
Gene Accession:	BC117435
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.