



Human POU5F1B blocking peptide (CDBP2350)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-POU5F1B antibody
Antigen Description	This intronless gene was thought to be a transcribed pseudogene of POU class 5 homeobox 1, however, it has been reported that this gene can encode a functional protein. The encoded protein is nearly the same length as and highly similar to the POU class 5 homeobox 1 transcription factor, has been shown to be a weak transcriptional activator and may play a role in carcinogenesis and eye development. [provided by RefSeq, Apr 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	POU5F1B POU class 5 homeobox 1B [Homo sapiens]
Official Symbol	POU5F1B
Synonyms	POU5F1B; POU class 5 homeobox 1B; OTF3P1, POU class 5 homeobox 1 pseudogene 1 , POU domain class 5, transcription factor 1 pseudogene 1 , POU5F1P1; putative POU domain, class 5, transcription factor 1B; OTF3C; POU 5 domain protein; POU class 5 homeobox 1

pseudogene 1; POU domain transcription factor Oct-4; octamer binding protein 3_like
sequence; POU domain transcription factor OCT4-pg1; POU domain, class 5, transcription
factor 1 pseudogene 1; OTF3P1; OCT4-PG1; POU5F1P1; POU5F1P4; POU5FLC8;
POU5FLC20;

Entrez Gene ID	5462
mRNA Refseq	NM_001159542
Protein Refseq	NP_001153014
UniProt ID	Q06416
Chromosome Location	8q24.21
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;