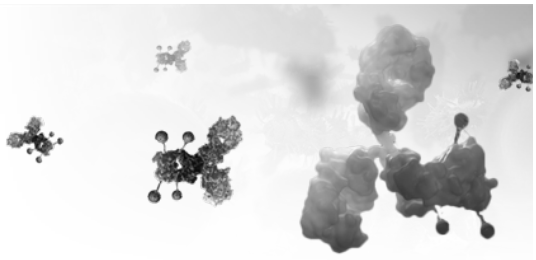

Human PTF1A blocking peptide (CDBP2430)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PTF1A/PFT1-P48 antibody
Antigen Description	This gene encodes a protein that is a component of the pancreas transcription factor 1 complex (PTF1) and is known to have a role in mammalian pancreatic development. The protein plays a role in determining whether cells allocated to the pancreatic buds continue towards pancreatic organogenesis or revert back to duodenal fates. The protein is thought to be involved in the maintenance of exocrine pancreas-specific gene expression including elastase 1 and amylase. Mutations in this gene cause cerebellar agenesis and loss of expression is seen in ductal type pancreas cancers. [provided by RefSeq, Jul 2008]
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	PTF1A pancreas specific transcription factor, 1a [Homo sapiens]
Official Symbol	PTF1A
Synonyms	PTF1A; pancreas specific transcription factor, 1a; pancreas transcription factor 1 subunit alpha;

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	bHLHa29; PTF1 p48; class II bHLH protein PTF1A; bHLH transcription factor p48; class A basic helix-loop-helix protein 29; pancreas-specific transcription factor 1a; exocrine pancreas-specific transcription factor p48; p48 DNA-binding subunit of transcription factor PTF1; PTF1-p48;
Entrez Gene ID	256297
mRNA Refseq	NM_178161
Protein Refseq	NP_835455
UniProt ID	Q7RTS3
Chromosome Location	10p12.31
Pathway	Developmental Biology, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; Regulation of beta-cell development, organism-specific biosystem; Regulation of gene expression in early pancreatic precursor cells, organism-specific biosystem;
Function	DNA binding; sequence-specific DNA binding;

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