



# PIWIL1 blocking peptide (CDBP5923)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. The encoded protein may play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
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<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PIWIL1 piwi-like RNA-mediated gene silencing 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PIWIL1
<b>Synonyms</b>	PIWIL1; piwi-like RNA-mediated gene silencing 1; HIWI; MIWI; PIWI; CT80.1; piwi-like protein 1; piwi homolog
<b>Entrez Gene ID</b>	<a href="#">9271</a>

<b>mRNA Refseq</b>	<a href="#">NM_001190971</a>
<b>Protein Refseq</b>	<a href="#">NP_001177900</a>
<b>UniProt ID</b>	Q96J94
<b>Pathway</b>	Dorso-ventral axis formation
<b>Function</b>	mRNA binding; piRNA binding; protein binding; single-stranded RNA binding