

## Recombinant Human PIWIL1, His-tagged

Cat. No. PIWIL1-1736H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PIWIL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	N-term-350aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PIWIL1 piwi-like 1 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	PIWIL1
<b>Synonyms</b>	PIWIL1; piwi-like 1 (Drosophila); piwi (Drosophila) like 1; piwi-like protein 1; HIWI; PIWI; piwi homolog; MIWI;
<b>Gene ID</b>	9271

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<b>mRNA Refseq</b>	NM_001190971
<b>Protein Refseq</b>	NP_001177900
<b>MIM</b>	605571
<b>UniProt ID</b>	Q96J94
<b>Chromosome Location</b>	12q24.33
<b>Pathway</b>	Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem;
<b>Function</b>	mRNA binding; piRNA binding; protein binding; single-stranded RNA binding;

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