

Recombinant Human PIWIL1 cell lysate

Cat. No. PIWIL1-1359HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PIWIL1 piwi-like 1 (Drosophila) [Homo sapiens]
Official Symbol	PIWIL1
Synonyms	PIWIL1; piwi-like 1 (Drosophila); piwi (Drosophila) like 1; piwi-like protein 1; HIWI; PIWI; piwi homolog; MIWI;

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Gene ID	9271
mRNA Refseq	NM_001190971
Protein Refseq	NP_001177900
MIM	605571
UniProt ID	Q96J94
Chromosome Location	12q24.33
Pathway	Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem;
Function	mRNA binding; piRNA binding; protein binding; single-stranded RNA binding;

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