

Recombinant Full Length Human SPINLW1 Protein, GST-tagged

Cat. No. SPINLW1-646HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SPINLW1(1 a.a. - 133 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	133 amino acids
Description	This gene encodes an epididymal protease inhibitor, which contains both kunitz-type and WAP-type four-disulfide core (WFDC) protease inhibitor consensus sequences. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene is a member of the WFDC gene family and belongs to the telomeric cluster. The protein can inhibit human sperm motility and exhibits antimicrobial activity against E. coli, and polymorphisms in this gene are associated with male infertility. Read-through transcription also exists between this gene and the downstream WFDC6 (WAP four-disulfide core domain 6) gene. Two transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	41.7 kDa
AA Sequence	MGSSGLLSLL VLFVLLANVQ GPGLTDWLFP RRCPKIREEC EFQERDVCTK

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DRQCQDNKKC CVFSCGKKCL DLKQDVCEMP KETGPCLAYF LHWWYDKKDN
TCSMFVYGGC QGNNNNFQSK ANCLNTCKNK RFP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

SPINLW1 serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin) [Homo sapiens]

Official Symbol

SPINLW1

Synonyms

SPINLW1; serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin); serine protease inhibitor like, with Kunitz and WAP domains 1 (eppin); eppin; cancer/testis antigen 72; CT72; dJ461P17.2; epididymal protease inhibitor; EPPIN; EPPIN1; EPPIN2; EPPIN3; WAP7; WFDC7; protease inhibitor WAP7; cancer/testis antigen 71; WAP four-disulfide core domain protein 7; CT71

Gene ID

57119

mRNA Refseq

NM_020398

Protein Refseq

NP_065131

MIM

609031

UniProt ID

O95925

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