



## SERPINB5 peptide (DAG-P1771)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
<b>Specificity</b>	Normal mammary epithelial cells.
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	Belongs to the serpin family. Ov-serpin subfamily.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SERPINB5 serpin peptidase inhibitor, clade B (ovalbumin), member 5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SERPINB5

<b>Synonyms</b>	SERPINB5; serpin peptidase inhibitor, clade B (ovalbumin), member 5; PI5; maspin; serpin B5; PI-5; peptidase inhibitor 5; protease inhibitor 5 (maspin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5;
<b>Entrez Gene ID</b>	<a href="#">5268</a>
<b>mRNA Refseq</b>	<a href="#">NM_002639.4</a>
<b>Protein Refseq</b>	<a href="#">NP_002630.2</a>
<b>UniProt ID</b>	P36952
<b>Chromosome Location</b>	18q21.33
<b>Pathway</b>	ATF-2 transcription factor network, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; MicroRNAs in cancer, organism-specific biosystem; MicroRNAs in cancer, conserved biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
<b>Function</b>	protein binding; serine-type endopeptidase inhibitor activity;