

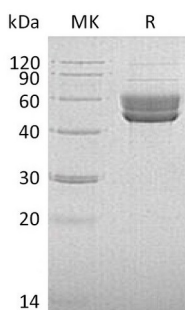
**Product Name: Recombinant Human Serpin I2 (C-6His)**  
**Catalog #: PHH1519**



## Summary

<b>Name</b>	Serpin I2/Pancpin/MEPI/PI14
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Serine Protease Inhibitor-clade I2 is produced by our Mammalian expression system and the target gene encoding Ser19-Leu405 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	O75830
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	45.1 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

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**Alternative Names**

SERPINI2;Serpine I2;Myoepithelium-derived serine protease inhibitor;Pancreas-specific protein TSA2004;Peptidase inhibitor 14;PI-14;MEPI;PI14;

**Background**

SERPINI2 is a secreted protein of the serpin family. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. As protease inhibitors, serpins have an array of functions including regulating blood coagulation, fibrinolysis, the complement pathway, angiogenesis, inflammation, tumor suppression, extracellular matrix remodeling, and cell motility. SERPINI2 is expressed in human tissues including pancreas and adipose tissues. Mutations of human SERPINI2 can directly result in conditions such as acinar cell apoptosis and malabsorption.

**Note**

For Research Use Only , Not for Diagnostic Use.