

Recombinant Human Serpin I2 Protein(C-6His)

Cat.NO.: TP05533

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:45.1 kDa

Sequences:Ser19-Leu405

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.