

SERPIN FUSION POLYPEPTIDES AND METHODS OF USE THEREOF

Abstract

This invention relates to molecules, particularly polypeptides, more particularly fusion proteins that include a serpin polypeptide or an amino acid sequence that is derived from a serpin and second polypeptide comprising of at least one the following: an Fc polypeptide or an amino acid sequence that is derived from an Fc polypeptide; a cytokine targeting polypeptide or a sequence derived from a cytokine targeting polypeptide; a WAP domain containing polypeptide or a sequence derived from a WAP containing polypeptide; and an albumin polypeptide or an amino acid sequence that is derived from a serum albumin polypeptide. This invention also relates to methods of using such molecules in a variety of therapeutic and diagnostic indications, as well as methods of producing such molecules.

Figure 1A