

## 32-7780: Recombinant Human Serpin A10/ZPI (C-6His)

**Gene :** SERPINA10

**Gene ID :** 51156

**Uniprot ID :** Q9UK55

### Description

Source: Human Cells.

MW :49.5kD.

Recombinant Human Serpin A10 is produced by our Mammalian expression system and the target gene encoding Leu22-Leu444 is expressed with a 6His tag at the C-terminus. Serpin A10 is a secreted protein that belongs to the serpin family. It is predominantly expressed in the liver and secreted in the plasma. Its phosphorylation sites are present in the extracellular medium. It inhibits factors Xa and XIa of the coagulation cascade in the presence of protein Z, calcium, and phospholipid. Mutations in SERPINA10 are associated with venous thrombosis.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,1mM GaCl<sub>2</sub>,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** LAPSPQSPETPAPQNQTSRVVQAPKEEEEEDEQEASEEEKASEEEKAWLMASRQQLAKETSNFGFS  
LLRKISMRRHDGNMVFSPFGMSLAMTGLMLGATGPTETQIKRGLHLQALKPTKPGLLPSTFKGLRET  
LSRNLELGLTQGSFAFIHKDFDVKETFFNLKSKRYFDTECVPMNFRNASQAKRLMNHYINKETRGKIP  
KLFDEINPETKLILVDYILFKGKWLTDPFDPVFTEVDTFHLDKYKTIKVPMMYGAGKFASTFDKNFRCH  
VLKLPYQGNATMLVVLMEKMGDHLALEDYLTDLVETWLRNMKTRNMEVFFPKFKLDQKYEMHEL  
LRQMGIIRIFSPFADLSELSATGRNLQVSRVLQRTVIEVDERGTEAVAGILSEITAYSMPPVIKVDPRP  
FHFMIYEETSGMMLFLGRVVNPTLLLDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.