

Recombinant Human SerpinA10/SERPINA10 Protein (His Tag)

Catalog Number: PKSH033031

Note: Centrifuge before opening to ensure complete recovery of vial contents.

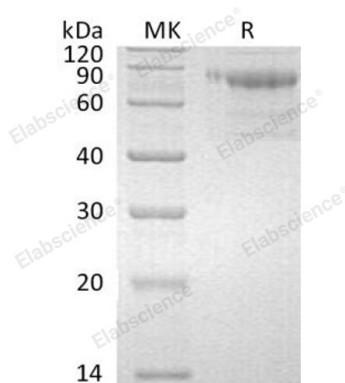
Description

Species	Human
Source	HEK293 Cells-derived Human SerpinA10;SERPINA10 protein Leu22-Leu444, with an C-terminal His
Calculated MW	49.5 kDa
Observed MW	55-80 kDa
Accession	Q9UK55
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM CaCl ₂ , pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

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.

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