

Recombinant Human Serpin A3/Alpha-1-antichymotrypsin Protein

RPCB0309

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	C-His
Reactivity:	Human	Expressed Host:	HEK293 cells
Calculated MW:	45.87 kDa	Observed MW:	55-70 kDa

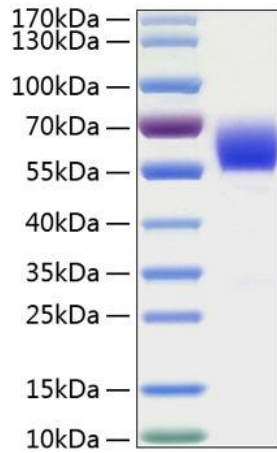
Background

SerpinA3, also known as Alpha 1-antichymotrypsin (AACT), is a plasma alpha globulin glycoprotein, and is a member of serpin superfamily of the serine protease inhibitors. It is synthesized primarily in the liver and secreted as one of the most abundant serpins in plasma. SerpinA3 deficiency has been associated with liver disease, and mutations of this gene have been observed in patients with Parkinson disease and chronic obstructive pulmonary disease. Serpin A3 is a major constituent of the plaques associated with Alzheimer's disease and an inhibitor of amyloid beta peptide degradation.

Properties

Synonyms:	AACT, ACT, GIG24, GIG25, SERPINA3, ACT, GIG24, GIG25
Gene ID:	12
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Serpin A3/Alpha-1-antichymotrypsin Protein (RPCB0309), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Human Serpin A3/Alpha-1-antichymotrypsin Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.