

Alpha-2-Antiplasmin/Serpin F2 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700821
Synonyms:	Alpha-2-AP; AAP; PLI; SERPINF2; A2AP; ALPHA-2-PI; API; Serpin F2
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5WNU6 (M27-K490)
Gene ID:	102116557
Molecular Weight:	60-70 kDa

PROPERTIES

Biological Activity	<p>1. Immobilized Cynomolgus SERPINF2, His Tag at 1 µg/mL (100 µl/Well) on the plate. Dose response curve for Anti-SERPINF2 Antibody, hFc Tag with the EC₅₀ of ≤1 µg/mL determined by ELISA.</p> <p>2. Immobilized Cynomolgus SERPINF2, His Tag at 2 µg/mL (100 µl/Well) on the plate. Dose response curve for Anti-SERPINF2 Antibody, hFc Tag with the EC₅₀ of ≤55 ng/mL determined by ELISA.</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The Alpha-2-Antiplasmin/Serpin F2 Protein belongs to the serpin family, a group of proteins that regulate protease activity. It plays a crucial role in inhibiting plasmin, a protease involved in blood clot dissolution. By inhibiting plasmin, Alpha-2-Antiplasmin/Serpin F2 prevents excessive fibrinolysis and helps maintain the stability of blood clots. This protein is primarily synthesized in the liver and circulates in the blood. Deficiencies or dysregulation of Alpha-2-Antiplasmin/Serpin F2 can lead to increased fibrinolysis and a higher risk of bleeding disorders. Additionally, this protein has been implicated in other biological processes, such as inflammation and tissue remodeling. A deeper understanding of the function and regulation of Alpha-2-Antiplasmin/Serpin F2 can provide insights into the development of therapies for clotting disorders and other conditions involving abnormal protease activity.</p>
-------------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA