

## 32-13796: SERPINA7 Human

**Format :** The protein was lyophilized (0.2  $\mu$ m filtered) from 20mM NH<sub>4</sub>HCO<sub>3</sub>.

### Description

Source: Human serum.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Biological Activity: null

Thyroxine binding globulin, also known as SERPINA7, is synthesized in the liver and carried in the blood. SERPINA7 may be decreased or increased in a number of diseases. Its main value in diagnosis is to assess thyroid function by determining the amount of free T<sub>3</sub>/T<sub>4</sub>. Thyroxine binding globulin, binds and transports thyroid hormones in the circulation. SERPINA7 carries the majority of the T<sub>3</sub>/T<sub>4</sub> in the blood. SERPINA7 has only one binding site for T<sub>3</sub>/T<sub>4</sub> and about 25% of Thyroxine binding globulin is usually saturated.

Human Serpin Peptidase Inhibitor, Clade A Member 7 Protein produced in Human plasma having a molecular mass of approximately 55kD.

### Product Info

**Amount :** 1 mg / 0.2 mg

**Purification :** Greater than 98.0%.

**Storage condition :** SERPINA7 Human although stable at room temperature for 3 weeks, should be stored between 2-8°C.

### Application Note

It is recommended to reconstitute the lyophilized SERPINA7 Human in phosphate buffer containing 0.15M NaCl.