

## Alpha 1 Antitrypsin Human

<b>Item Number</b>	rAP-4771
<b>Synonyms</b>	Alpha-1-antitrypsin, Alpha-1 protease inhibitor, Alpha-1-antiproteinase, SERPINA1, A1AT, PI, A1A, AAT, PI1, MGC9222, PRO2275, MGC23330.
<b>Description</b>	SERPINA1 extracted from human serum and having a 52kDa molecular weight is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P01009
<b>Amino Acid Sequence</b>	
<b>Source</b>	
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized SERPINA1 should be stored at 4°C.
<b>Formulation and Purity</b>	SERPINA1 is lyophilized in PBS pH 7.4. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized SERPINA1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**