

Alpha-1 AntiChymotrypsin Human

Item Number	rAP-4770
Synonyms	Alpha-1-antichymotrypsin, ACT, Cell growth-inhibiting gene 24/25 protein, SERPINA3, AACT, A1ACT, GIG24, GIG25, MGC88254.
Description	Human Alpha-1 AntiChymotrypsin produced from normal human serum having a molecular mass of 68kDa.
Uniprot Accession Number	P01011
Amino Acid Sequence	
Source	Human Serum.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Human SERPINA3 although stable at room temperature for 3 weeks, should be stored between 2-8°C.
Formulation and Purity	Lyophilized from 0.02M NH ₄ HCO ₃ . Greater than 99.0%.
Application	
Solubility	It is recommended to reconstitute the lyophilized human A1ACT in phosphate buffer pH > 7.0 containing 0.15M NaCl.
Biological Activity	
Shipping Format and Condition	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**