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## Product Datasheet

### Recombinant human Serpin A1/alpha 1-Antitrypsin protein NBS-PAT-PIAH9I-500

Article Name	Recombinant human Serpin A1/alpha 1-Antitrypsin protein
Biozol Catalog Number	NBS-PAT-PIAH9I-500
Supplier Catalog Number	PAT-PIAH9I-500
Alternative Catalog Number	NBS-PAT-PIAH9I-500
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Human
Product Description	Alpha 1 proteinase inhibitor (Antitrypsin) has a characteristic secondary structure of beta sheets and alpha helices. That is a serum glycoprotein synthesized in the liver. It acts as an elastase inhibitor, primarily inhibiting neutrophil elastase, c...
Concentration	1 mg/ml
Molecular Weight	44.4 kDa (395aa) confirmed by MALDI-TOF
Tag	Untagged
NCBI	<a href="#">5265</a>
UniProt	<a href="#">P01009</a>
Purity	>90%

Sequence

MEDPQGDAAQ KTDTSHHQD HPTFNKITPN LAEFAFSLYR  
QLAHQSNSTN IFFSPVSIAT AFAMLSLGTK ADTHDEILEG LNFNLTEIPE  
AQIHEGFQEL LRRLNQPDSQ LQLTTGNGLF LSEGLKLVDK FLEDVKKLYH  
SEAFTVNFGD TEEAKKQIND YVEKGTQGKI VDLVKELDRD TVFALVNYIF  
FKGKWERPFE VKDTEEDFH VDQVTTVKVP MMKRLGMFNI Q