

## Human Serpin A1/alpha 1-Antitrypsin protein (Recombinant) (No-Tag) (STJP019570)

### GENERAL INFORMATION

|               |          |
|---------------|----------|
| Product Type  | Proteins |
| Applications  | SDS-PAGE |
| Host / Source | E.coli   |

### PRODUCT PROPERTIES

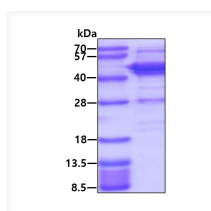
|                     |                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration       | 1 mg/mL                                                                                                                                             |
| Formulation         | Liquid in 20mM Tris-HCl buffer (pH 7.5) containing 10% Glycerol, 1mM DTT, 2mM EDTA                                                                  |
| Molecular Weight    | 44.4 kDa                                                                                                                                            |
| Storage Instruction | For short term storage, keep at +2C to +8C for up to 1 week. For long term storage, aliquot and store at -20C, and avoid repeat freeze-thaw cycles. |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">5265</a>                                                                                                                                                                                                                                               |
| Gene Symbol        | <a href="#">SERPINA1</a>                                                                                                                                                                                                                                           |
| UniProt ID         | <a href="#">A1AT_HUMAN</a>                                                                                                                                                                                                                                         |
| Immunogen Region   | 25-418aa                                                                                                                                                                                                                                                           |
| Immunogen Sequence | MEDPQGDAAG KTDTSHHDDQD HPTFNKITPN LAEFAFSLYR QLAHQSNSTN IFFSPVSIAT AFAMLSLGTK<br>ADTHDEILEG LNFNLTEIPE AQIHEGFQEL LRTLNQPDQS LQLTTGNGLF LSEGLKLVDK FLEDVKKLYH<br>SEAFVNFVD TEEAKKQIND YVEKGTQGI VDLVKELDRD TVFALVNYIF FKGKWERPFE VKDTEEDDFH<br>VDQVTTVKVP MMKRLGMF |

### ADDITIONAL INFORMATION

|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



SDS-PAGE gel showing recombinant human Serpin A1 alpha 1-Antitrypsin protein 3µg reducing conditions Coomassie blue stain