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## Product Datasheet

### Recombinant Mouse Serpin A1a (C-6His, AH11040.1 ) EBT-EPT200

|                            |                                                                                                                                                                                                                                                                                                                                                                                  |
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| Article Name               | Recombinant Mouse Serpin A1a (C-6His, AH11040.1 )                                                                                                                                                                                                                                                                                                                                |
| Biozol Catalog Number      | EBT-EPT200                                                                                                                                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | EPT200                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | EBT-EPT200-50                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer               | ELK Biotechnology                                                                                                                                                                                                                                                                                                                                                                |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                                                                                                                                                 |
| Product Description        | Recombinant Mouse Serine protease inhibitor A1a is produced by our Mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus....                                                                                                                                                                                      |
| Molecular Weight           | Molecular weight: 44.3 KDa. Apparent molecular weight: 50-60 KDa, reducing conditions                                                                                                                                                                                                                                                                                            |
| UniProt                    | AAH11040.1                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                     | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                                             |
| Application Notes          | Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.<br>Background: Serpin A1a is also known as alpha-1-antitrypsin, is a member of the serpin superfamily of serine proteinase inhibitors that are involved in the regulation of a number of proteolytic processes. Its primary target is elastase, but it also has a moderate affinity for plasmin and thrombin |