

## Recombinant Mouse Serpina3k protein, His-tagged

**Cat. No.** Serpina3k-865M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Serpina3k protein(P07759)(22-418aa), fused with C-terminal His tag, was expressed in Yeast.                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                            |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 22-418aa                                                                                                                                                                                                                                         |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>   | 45.7 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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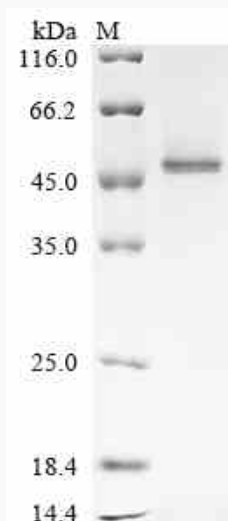
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concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

FPDGTKEMDIVFHEHQDNGTQDDSLTLASVNTDFAFSLYKKLALKNPDTNIVFSPLSI  
 SAALALVSLGAKGKTMEEILEGLKFNLTTETPEADIHQGFGNLLQSLSQPEDQDQINIG  
 NAMFIEKDLQILAEFHEKTRALYQTEAFTADFQQPTEAKNLINDYVSNQTQGMKELIS  
 ELDERTLMVLVNYIYFKGKWKISFDPQDTFESEFYLDKRSVKVPMMKMKLLTTRHF  
 RDEELSCSVLELKYTGNASALLILPDQGRMQQVEASLQPETLRKWRKTLFPSQIEEL  
 NLPKFSIASNYRLEEDVLPENGIKEVFTEQADLSGITETKKLSVSQVVKAVLDVAET  
 GTEAAAATGVIGGIRKAILPAVHFNRPFVFIYHTSAQSILFMAKVNNPK

#### SDS-PAGE



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