

Datasheet for ABIN7607224

**SERPINA3 Protein (AA 26-423) (His tag)**[Go to Product page](#)

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg   |
| Target:                       | SERPINA3  |
| Protein Characteristics:      | AA 26-423   |
| Origin:                       | Human   |
| Source:                       | Mammalian Cells   |
| Protein Type:                 | Recombinant   |
| Biological Activity:          | Active  |
| Purification tag / Conjugate: | This SERPINA3 protein is labelled with His tag.                                     |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA) |

## Product Details

|                              |   |
|------------------------------|---|
| Purpose:                     | Recombinant Human SERPINA3 Protein, C-His (Active)  |
| Purity:                      | >90 % as determined by SDS-PAGE.  |
| Endotoxin Level:             | <0.1 EU/µg of the protein by the LAL method.  |
| Biological Activity Comment: | Measured by its ability to inhibit chymotrypsin cleavage of a fluorogenic peptide substrate MCA-RPKPVENval-WRK(Dnp)-NH <sub>2</sub> . The IC <sub>50</sub> value is <11.5 nM. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | SERPINA3  |
| Alternative Name: | Cell growth-inhibiting gene 24/25 protein ( <a href="#">SERPINA3 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | Cell growth-inhibiting gene 24/25 protein, ACT, Serpin A3, Alpha-1-antichymotrypsin, SERPINA3, AACT |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">P01011</a> |
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## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
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|               |                       |
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| Restrictions: | For Research Use only |
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## Handling

|         |             |
|---------|-------------|
| Format: | Lyophilized |
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|         |   |
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| Buffer: | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol. |
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| Storage: | 4 °C, -20 °C, -80 °C |
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|                  |   |
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| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
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|              |           |
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| Expiry Date: | 12 months |
|--------------|-----------|