

# Active Recombinant Full Length Human SERPINB2 Protein, C-Flag-tagged

**Cat. No.** SERPINB2-345HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SERPINB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Bio-activity</b>     | In vivo treatment (intracerebral)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 46.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | <p>MEDLCVANTL FALNLFKHLAKASPTQNLFLSPWSISSTMAMVYMGSRGSTEDQMAK</p> <p>VLQFNEVGANAVTP MTPENFTSCGFMQQIQKGSYPDAILQAQAADKIHSSFRSLSS</p> <p>AINASTGNYLLESVNKLFGEKSASFEE YIRLCQKYSSSEPQAVDFLECAEEARKKIY</p> <p>SWVKTQTKGKIPNLLPEGSVDGDTRMVLVNAVYFKGKWKTPFEKKNGLYPFRVN</p> <p>SAQRTPVQMMYLREKLNIGYIEDLKAQILELPYAGDVSMFLLLPDEIADVSTGLE LLE</p> <p>SEITYDKLNKWT SKDKMAEDEVEVYIPQFKLEEHYELRSILRSMGMEDAFNKGRANF</p> <p>SGMSERNDLF LSEVFHQAMVDVNEEGTEAAAGTGGVMTGRTGHGGPQFVADHPF</p> <p>LFLIMHKITNCILFFGRFSSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |

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|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Druggable Genome, Secreted Protein                                                                                                            |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Gene Name</b>       | SERPINB2 serpin family B member 2 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SERPINB2                                                   |
| <b>Synonyms</b>        | PAI; PAI2; PAI-2; PLANH2; HsT1201                          |
| <b>Gene ID</b>         | 5055                                                       |
| <b>mRNA Refseq</b>     | NM_002575.3                                                |
| <b>Protein Refseq</b>  | NP_002566.1                                                |
| <b>MIM</b>             | 173390                                                     |

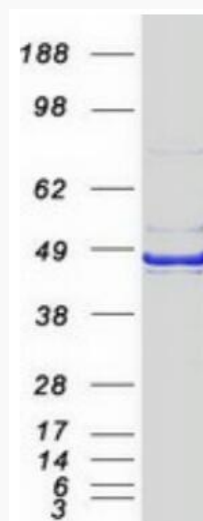
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UniProt ID

P05120



Coomassie blue staining of purified SERPINB2 protein.

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