

## Recombinant Rat SERPINB2 Protein (1-416 aa), His-tagged

**Cat. No.** SERPINB2-1515R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat SERPINB2 Protein (1-416 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-416 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Inhibits urokinase-type plasminogen activator.                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 49.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MEELSMANTMFALNLLKQIEQSNSTQNIFISPWSISSTLAIVFLGAQANTEEQMAKVL<br>NFDKIGSYDLTPGNPENFHGCDFAQHIQRDNYPVAILQAQARDKIHSFSSLSTINT<br>PRLGDYLLESANKLFGEKSARFKEEYIQRCKKYYSTEPEAVDFLECANEARCKKINSW<br>VKTQTKGEIPNLLPEGSVDEDTKMVLVNTIYFKGRWKTPFQKRLNGLYPFRVNLNES<br>KPVQMMYLREKLNIGYIKDLKTQILELPYIGNISMFLLLPDEIEDSSTGLEMLEREINF<br>NFNKWISKETLDEDDVLVYIPKFKLAQNYELKPILQRMGMEDAFNKGKADFSGMSES<br>NDLFLSEVFHQATVDVNEEGTVAAGGTGAVMTGRTGHGGPQFVADHPFLFFIMNNI<br>TRTILFVGRFSSP |

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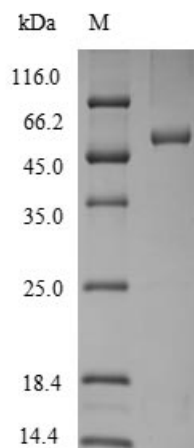
 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b>    | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | Serpinb2 serpin peptidase inhibitor, clade B (ovalbumin), member 2 [ <i>Rattus norvegicus</i> ]                                                                                                                                                                                                                     |
| <b>Official Symbol</b>  | <a href="#">SERPINB2</a>                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | SERPINB2; PAI-2; serpin B2; Pai2a;                                                                                                                                                                                                                                                                                  |
| <b>Gene ID</b>          | <a href="#">60325</a>                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>      | <a href="#">NM_021696</a>                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | <a href="#">NP_067728</a>                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | <a href="#">P29524</a>                                                                                                                                                                                                                                                                                              |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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