

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

**Cat. No.** SERPINB2-805R    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Rat SERPINB2 Protein (1-416 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.

**Species**      Rat

**Source**      E.coli

**ProteinLength**      1-416 aa

**Description**      Inhibits urokinase-type plasminogen activator.

**Form**      Tris-based buffer, 50% glycerol

**Molecular Mass**      63.2 kDa

**AA Sequence**

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MEELSMANTMFALNLLKQIEQSNSTQNIFISPWSISSTLAIVFLGAQANTEEQMAKVL
NFDKIGSYDLTPGNPENFHGCDF AQHIQRDNYPVAILQAQARDKIHSASFSSLSSTINT
PRLGDYLLESANKLFGEKSARFKEEYIQRCKKYYSTEPEAVDFLECANEARKKINSW
VKTQTKGEIPNLLPEGSVDEDTKMVLVNTIYFKGRWKTPFQKRLNGLYPFRVNLNES
KPVQMMYLREKLNIGYIKDLKTQILELPYIGNISMFLLL PDEIEDSSTGLEMLEREINFD
NFNKWISKETLDEDDVLVYIPKFKLAQNYELKPILQRMGMEDAFNKGKADFSGMSES
NDLFLSEVFHQATVDVNEEGTVAAGGTGAVMTGRTGHGGPQFVADHPFLFFIMNNI
TRTILFVGRFSSP
    
```

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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 concentration instruction is sent along with the products.

## GENE INFORMATION

<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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