

Recombinant Rat Serpina1 protein, His-SUMO-tagged

Cat. No. Serpina1-3479R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpina1 protein(P17475)(25-411aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	25-411aa
Form	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.
Molecular Mass	59.7 kDa
AA Sequence	EDAQETDTSQQDQSPTYRKISSNLADFAFSLYRELVHQSNTSNIFFSPMSITTAFAAML SLGSKGDTRKQILEGLEFNLTQIPEADIIHKAFHLLQTLNRPDSELQLNTGNGLFVNK NLKLVEKFLEEVKNNYHSEAFSVNFADSEEAKKVIN DYVEKGTQGGKIVDLMKQLDED TVFALVNYIFFKGGKWKRPFNPEHTRDADFHV D KSTTVKVPMMNRLGMFDMHYCSTL SSWVLMMDYLGNATAIFLLPDDGKMQHLEQTLTKDLISRFLNLRQTRSAILYFPKLSI SGTYNLKTLSSLGITRVFNNDADLSGITEDAPLKLSQAVHKAVLTLDERGTEAAGAT VVEAVPMSLPPQVKFDHPFIFMIVESETQSPLFVGKVIDPTR
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Serpina1 serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 [*Rattus norvegicus*]

Official Symbol [Serpina1](#)

Synonyms SERPINA1; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1;

Gene ID [116807](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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