

SERPING1 recombinant protein

Recombinant Mouse SERPING1 Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263281	Human cells	Mouse	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

SERPING1; Recombinant Mouse SERPING1 Protein; C1IN; C1NH; Plasma protease C1 inhibitor; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1; SERPING1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Mouse
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Sequence	AFSDPEATSH STQDPLEAQA KSRESFPERD DSWSPPEPTV LPSTWPTTSV AITITNDTMG KVANESFSQH SQPAAQLPTD SPGQPPLNSS SQPSTASDLP TQATTEPFCP EPLAQCSDD RDSSEAKLSE ALTDFSVKLY HAFSATKMAK TNMAFSPFSI ASLLTQVLLG AGDSTKSNLE SILSYPKDFA CVHQALKGFS SKGVTSVSQI FHSPDLAIRD TYVNASQSLY GSSPRVLGPD SAANLELINT WVAENTNHKI RKLLDSLPSD TCLVLLNAVY LSAKWKITFE PKKMMAPFFY KNSMIKVPMM SSVKYPVAQF DDHTLKAKVG QLQLSHNLSF VIVVPVFPKH QLKDVEKALN PTVFKAIMKK LELSKFLPTY LTMPIHKVKS SQDMLSVMEK LEFFDFTYDL NLCGLTEDPD LQVSAMKHET VLELTESGVE AAAASISFG RSLPIFEVQR PFLFLLWDQQ HRFPMVMGRV YDPRGVDHHH HHH
Sequence Length	504
Applicable Applications for SERPING1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2°C to 8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for SERPING1 recombinant protein	Recombinant Mouse SERPING1 Protein is produced by our mammalian expression system and the target gene encoding Ala20-Gly504 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163914390
NCBI GeneID	12258
NCBI Accession #	NP_033906.2
NCBI GenBank Nucleotide #	NM_009776.3

UniProt Accession #	P97290; O88330; Q99M43; Q9QX09; A2ATR7
NCBI Official Full Name	plasma protease C1 inhibitor
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade G, member 1
NCBI Official Symbol	Serping1
NCBI Official Synonym Symbols	C1nh; C1INH
NCBI Protein Information	plasma protease C1 inhibitor
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	Serping1
UniProt Synonym Gene Names	C1nh; C1 Inh; C1Inh
UniProt Entry Name	IC1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/serping1-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263281>