

Plasma protease C1 inhibitor (Serping1) Recombinant Protein | SERPING1 recombinant protein

Recombinant Mouse Plasma protease C1 inhibitor (Serping1), partial

CATALOG # AAA18507	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
------------------------------	---

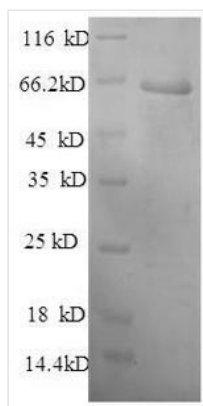
PRODUCT SYNONYMS

Plasma protease C1 inhibitor (Serping1); Recombinant Mouse Plasma protease C1 inhibitor (Serping1); partial; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1; SERPING1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	31-503aa; Partial
Sequence	TQDPLEAQAK SRESFPERDD SWSPPEPTVL PSTWPTTSA ITITNDTMGK VANESFSQHS QPAAQLPTDS PGQPPLNSSS QPSTASDLPT QATTEPFCPE PLAQCSDSDR DSSEAKLSEA LTDFSVKLYH AFSATKMAKT NMAFSPFSIA SLLTQVLLGA GDSTKSNLES ILSYPKDFAC VHQALKGFSS KGVTSVSQIF HSPDLAIRD YVNASQSLYG SSPRVLGPDS AANLELINTW VAENTNHKIR KLLDSLPSDT CLVLLNAVYL SAKWKITFEP KKMMAPFFYK NSMIKVPMS SVKYPVAQFD DHTLKAKVGQ LQLSHNLSFV IVVPVFPKHQ LKDVEKALNP TVFKAIMKKL ELSKFLPTYL TMPHIKVKSS QDMLSVMEKL EFDFTYDLN LCGLTEDPDL QVSAMKHETV LELTESGVEA AAASISFGR SLPIFEVQRP FLFLWDQQH RFPVFMGRVY DPR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SERPING1 recombinant protein	Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. May inhibit chymotrypsin and kallikrein.
--	--

References	The sequence of a cDNA encoding functional murine C1-inhibitor protein. Russell J.A., Whaley K., Heaphy S. Biochim. Biophys. Acta 1352:156-160(1997) Molecular cloning, gene structure and expression profile of mouse C1 inhibitor. Lener M., Vinci G., Duponchel C., Meo T., Tosi M. Eur. J. Biochem. 254:117-122(1998) Lineage-specific biology revealed by a finished genome assembly of the mouse. Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamouisis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P. PLoS Biol. 7:E1000112-E1000112(2009) Proteome-wide characterization of N-glycosylation events by diagonal chromatography. Ghesquiere B., Van Damme J., Martens L., Vandekerckhove J., Gevaert K.J. Proteome Res. 5:2438-2447(2006) Enhanced analysis of the mouse plasma proteome using cysteine-containing tryptic glycopeptides. Bernhard O.K., Kapp E.A., Simpson R.J.J. Proteome Res. 6:987-995(2007)
-------------------	--

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
Molecular Weight	56.3 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/serping1-recombinant-protein-e-coli/18507>