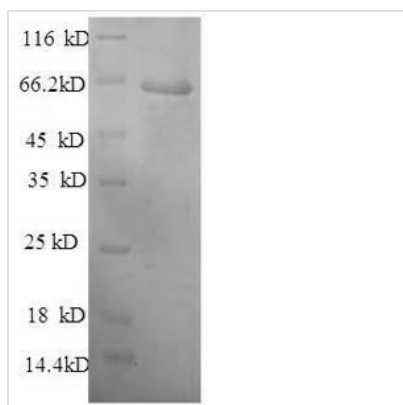




Recombinant Mouse Plasma protease C1 inhibitor(Serping1),partial

Product Code	CSB-EP021086MO
Relevance	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.
Storage	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P97290
Storage Buffer	Tris-based buffer,50% glycerol
Alias	C1 esterase inhibitorC1-inhibiting factorSerpin G1
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TQDPLEAQAKSRESFPERDDSWSPPEPTVLPSTWPTTSVAITITNDTMGKVAN ESFSQHSQPAAQLPTDSPGQPPLNSSSQPSTASDLPTQATTEPFCPEPLAQC SDSDRDSSEAKLSEALDTSVKLYHAFSATKMAKTNMAFSPFSIASLLTQVLLG AGDSTKSNLESILSYPKDFACVHQALKGFSKGVTSVSQIFHSPDLAIRDTYVN ASQSLYGSSPRVLGPDSAANLELINTWVAENTNHKIRKLLDSLPSDTCLVLLNA VYLSAKWKITFEPKMMAPFFYKNSMIKVPMMSSVKYPVAQFDDHTLKAKVG QLQLSHNLSFVIVVPVFPKHQLKDVEKALNPTVFKAIMKKLELSKFLPTYLTMPH IKVKSSQDMLSVMEKLEFFDFTYDLNLCGLTEDPDLQVSAMKHETVLELTESG VEAAAASAI SFGRSLPIFEVQRPFLLWDQQRFPVFMGRVYDPR
Research Area	Others
Source	E.coli
Gene Names	Serping1
Expression Region	31-503aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.3kDa
Protein Description	Partial
Image	



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