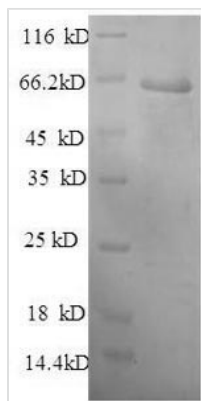




Recombinant Mouse Plasma protease C1 inhibitor (Serping1), partial

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.
Abbreviation	Recombinant Mouse Serping1 protein, partial
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
Alias	C1 esterase inhibitorC1-inhibiting factorSerpin G1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TQDPLEAQAKSRESFPERDDSWSPPEPTVLPSTWPTTSVAITITNDTMGKVAN ESFSQHSQPAAQLPTDSPGQPPLNSSSQPSTASDLPTQATTEPFCPEPLAQC SDSDRDSSEAKLSEALTDFSVKLYHAFSATKMAKTNMAFSPFSIASLLTQVLLG AGDSTKSNLESILSYPKDFACVHQALKGFSKGVTSVSQIFHSPDLAIRDTYVN ASQSLYGSSPRVLGPDSAANLELINTWVAENTNHKIRKLLDSLPSDTCLVLLNA VYLSAKWKITFEPKMMAPFFYKNSMIKVPMMSSVKYPVAQFDDHTLKAKVG QLQLSHNLSFVIVVPVFPKHQLKDVEKALNPTVFKAIMKKLELSKFLPTYLTMPH IKVKSSQDMLSVMEKLEFFDFTYDLNLCGLTEDPDLQVSAMKHETVLELTESG VEAAAASAI SFGRSLPIFEVQRPFLFLLWDQQRFPVFMGRVYDPR
Research Area	Others
Source	E.coli
Target 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 Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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