

Product datasheet for **TP508108**

Serping1 (NM_009776) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine (or cysteine) peptidase inhibitor, clade G, member 1 (Serping1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208108 representing NM_009776 Red =Cloning site Green =Tags(s)

MASRLTPLLLLLLAGDRAFSDPEATSHSTQDPLEAQAKSRESFPERDDSWSPPEPTVLPSTWPTTVA
ITITNDTMGKVANESFSQHSQPAAQLPTDSPGQPPLNSSSQPSTASDLPTQATTEPFCPEPLAQCSDDSR
DSSEAKLSEALDFSVKLYHAFSATKMAKTNMAFSPFASLLTQVLLGAGDSTKSNLESILSYPKDFAC
VHQALKGFSKGVTSVSQIFHSPDLAIRDTYVNASQSLYGSSPRVLGPDSAANLELINTWVAENTNHKIR
KLLDSLPSDTCLVLLNAVYLSAKWKITFEPKMMAPFFYKNSMIKVPMMSSVKYPVAQFDDHTLKAKVGQ
LQLSHNLSFVIVVPVFPKHQLKDVEKALNPTVFKAIMKKLELSKFLPTYLTMPHIKVKSSQDMLSVMKEL
EFFDFTYDLNLCGLTEDPDLQVSAMKHETVLELTESGVEAAAASISFGRSLPIFEVQRPFLLWDQQH
RFPVFMGRVYDPRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033906



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Locus ID: 12258

UniProt ID: [P97290](#)

RefSeq Size: 1775

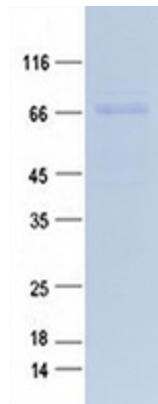
Cytogenetics: 2 D

RefSeq ORF: 1512

Synonyms: C1INH; C1nh

Summary: 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.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Serping1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.