

Product datasheet for **TP507423**

Serpinc1 (NM_080844) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine (or cysteine) peptidase inhibitor, clade C (antithrombin), member 1 (Serpinc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207423 protein sequence Red =Cloning site Green =Tags(s)
	<p>MYSPGAGSGAAGERKLCCLLSLLLIGALGCAICHGNPVDDICIAKPRDIPVNPLCIYRSPGKKATEEDGSE QKVPEATNRRVWELSKANSRFATNFYQHLADSKNDNDNIFLSPLSISTAFAMTKLGACNDTLKQLMEVFK FDTISEKTSQIHFFFAKLNCRLYRKANKSSDLVSANRLFQDKSLTFNESYQDVSEVYGAQLQPLDFKE NPEQSRVTINNWWANKTEGRIKDVIPQGAINELTALVLVNTIYFKGLWKSFKFSPENTRKEPFYKVDGQSC PVPMMYQEGKFKYRVAEGTQVLELPFKGDDITMVLILPKPEKSLAKVEQELPELLQEWLDELSETMLV VHMPrFRTEdGfSLKEQLQDMGLIDLfSPEKSQlPGIVAGGRDDLYVSDAFHKAfLEVNEEGSEAAASTS VVITGRSLNPNRVTFKANRPFLVLIREVALNTIIFMGRVANPCVN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	52 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_543120



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Locus ID:	11905
UniProt ID:	P32261 , Q543J5
RefSeq Size:	2171
Cytogenetics:	1 69.75 cM
RefSeq ORF:	1398
Synonyms:	AI114908; At-3; At3; ATIII
Summary:	Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin, matriptase-3/TMPRSS7, as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin (By similarity). [UniProtKB/Swiss-Prot Function]