



Recombinant Rat Serpin B5 (Serpina5)

Product Code	CSB-MP021073RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70564
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MDALRLANSFAVELFKQLCEKEPAGNILFSPICLSTLSLAQVGAKGDTANEI GQVLHF ENVKDVPFGFKPITSDVNLSSFYSLKLIKRLYIDKSLNLSTEFISSTKRPYANEL ETVD FKDKLEETKGQINSSIKELTDGHFEDILPENSISDQTKILVVNAAYFVGKWMKKF PESET KECPFRINKTDTKPVQMMNLEATFCLGNIDDINCKIIELPFQNKHLSMLIVLPKD VEDES TGLEKIEKQLNPETLLQWTNPSTMANAKVKLSLPKFKVEKMIDPKASLESGLK SLFNES TSDFGMSETKGVSVSNVIHRVCLEITEDGGDSIEVPGSRILQHKDEFKADHPF LFIVRH NKTRNIVFLGKFSSP
Source	Mammalian cell
Target Names	Serpina5
Protein Names	Recommended name: Serpin B5 Alternative name(s): Maspin Peptidase inhibitor 5 Short name= PI-5
Expression Region	1-375
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
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	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.