



# Recombinant Pig Leukocyte elastase inhibitor (SERPINB1)

<b>Product Code</b>	CSB-BP021065PI
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P80229
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEQLSAANTR FALDLFRALN ESNPAGNIFI SPFSISSALA MILLGTRGNT EAQMSKALHF DTVKDIHSRF QSLNADINKC GASYLKLAN RLFGEKTYHF LPEFLASTQK TYGAELASVD FLRASEEARK AINEWVKEQT EGKIPPELLAS GVVDSATKLV LVNAIYFKGS WQEKFMTEAT KDAPFRLNKK DSKTVKMMYQ KKKFPFGYIK ELKCRVLELP YQGDLSMVI LLPDSIEDES TGLRKIEQHL TLEKLNWTK PDNLELLEVN VHLPRFRLEE SYDLNAPLAR LGVQDLFGSR ADLTGMSEAR DLFISKVVHK AFVEVNEEGT EAAAATAGIA VFAMLMPEED FIADHPFIFF IRHNPSSNIL FLGRLSSP
<b>Source</b>	Baculovirus
<b>Target Names</b>	SERPINB1
<b>Protein Names</b>	Recommended name: Leukocyte elastase inhibitor Short name= LEI Alternative name(s): Leukocyte neutral proteinase inhibitor Short name= LNPI Serpin B1
<b>Expression Region</b>	1-378
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.