



Recombinant Human Leukocyte elastase inhibitor (SERPINB1)

Product Code	CSB-EP021065HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P30740
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEQLSSANTR FALDLFLALS ENNPAGNIFI SPFSISSAMA MVFLGTRGNT AAQLSKTFHF NTVEEVHSRF QSLNADINKR GASYILKLAN RLYGEKTYNF LPEFLVSTQK TYGADLASVD FQHASEDARK TINQWVKGQT EGKIPELLAS GMVDNMTKLV LVNAIFYKGN WKDKFMKEAT TNAPFRLNKK DRKTVKMMYQ KKKFAYGYIE DLKCRVLELP YQGEELSMVI LLPDDIEDES TGLKKIEEQL TLEKLHEWTK PENLDFIEVN VSLPRFKLEE SYTLNSDLAR LGVQDLFNSS KADLSGMSGARDFISKIVH KSFVEVNEEG TEAAAATAGI ATFCMLMPEE NFTADHPFLF FIRHNSSGSI LFLGRFSSP
Source	E.coli
Target Names	SERPINB1
Protein Names	Recommended name: Leukocyte elastase inhibitor Short name= LEI Alternative name(s): Monocyte/neutrophil elastase inhibitor Short name= EI Short name= M/NEI Peptidase inhibitor 2 Short name= PI-2 Serpin B1
Expression Region	1-379
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.