

Leukocyte elastase inhibitor Recombinant Protein | SERPINB1 recombinant protein

Recombinant Human Leukocyte elastase inhibitor

CATALOG # AAA113506	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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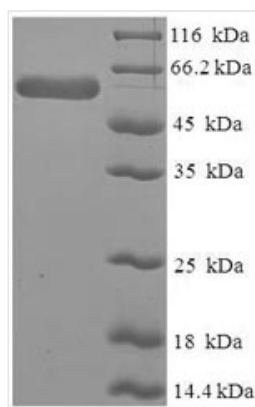
PRODUCT SYNONYMS

Leukocyte elastase inhibitor; Recombinant Human Leukocyte elastase inhibitor; Monocyte/neutrophil elastase inhibitor; EI; M/NEI; Peptidase inhibitor 2; PI-2; Serpin B1; SERPINB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-379. Full length
Sequence	MEQLSSANTR FALDLFLALS ENNPAGNIFI SPFSISSAMA MVFLGTRGNT AAQLSKTFHF NTVEEVHSRF QSLNADINKR GASYILKLAN RLYGEKTYNF LPEFLVSTQK TYGADLASVD FQHASEDARK TINQWVGQT EGKIPELLAS GMVDNMTKL VLVNAIYFKGN WKDKFMKEAT TNAPFRLNKK DRKTVKMMYQ KKKFAYGYIE DLKCRVLELP YQGEELSMVI LLPDDIEDES TGLKKIEEQL TLEKLHEWTK PENLDFIEVN VSLPRFKLEE SYTLNSDLAR LGVQDLFNSS KADLSGMSG A RDIFISKIVH KSFVEVNEEG TEAAAATAGI ATFCMLMPEE NFTADHPFLF FIRHNSSGSI LFLGRFSSP
Sequence Length	379
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SERPINB1 recombinant protein	Regulates the activity of the neutrophil proteases elastase, cathepsin G, proteinase-3, chymase, chymotrypsin, and kallikrein-3. Also functions as a potent intracellular inhibitor of granzyme H.
Product Categories/Family for SERPINB1 recombinant protein	Cardiovascular

References	Sequence and molecular characterization of human monocyte/neutrophil elastase inhibitor.Remold-O'Donnell E., Chin J., Alberts M.Proc. Natl. Acad. Sci. U.S.A. 89:5635-5639(1992)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13489087
NCBI GeneID	1992
NCBI Accession #	NP_109591.1
NCBI GenBank Nucleotide #	NM_030666.3
UniProt Accession #	P30740; Q53FB9; Q5W0E1; Q9UDF8; A8K5L2; B4DNT0
Molecular Weight	58.7 kDa
NCBI Official Full Name	leukocyte elastase inhibitor
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 1
NCBI Official Symbol	SERPINB1
NCBI Official Synonym Symbols	EI; LEI; PI2; MNEI; PI-2; HEL57; M/NEI; ELANH2; HEL-S-27
NCBI Protein Information	leukocyte elastase inhibitor
UniProt Protein Name	Leukocyte elastase inhibitor
UniProt Gene Name	SERPINB1
UniProt Synonym Gene Names	ELANH2; MNEI; PI2; LEI; EI; M/NEI; PI-2
UniProt Entry Name	ILEU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.