Recombinant Human Kunitz-type protease inhibitor 1 (SPINT1)

Product Code	CSB-YP022584HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43278
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GPPPA PPGLPAGADC LNSFTAGVPG FVLDTNASVS NGATFLESPT VRRGWDCVRA CCTTQNCNLA LVELQPDRGE DAIAACFLIN CLYEQNFVCK FAPREGFINY LTREVYRSYR QLRTQGFGGS GIPKAWAGID LKVQPQEPLV LKDVENTDWR LLRGDTDVRV ERKDPNQVEL WGLKEGTYLF QLTVTSSDHP EDTANVTVTV LSTKQTEDYC LASNKVGRCR GSFPRWYYDP TEQICKSFVY GGCLGNKNNY LREEECILAC RGVQGGPLRG SSGAQATFPQ GPSMERRHPV CSGTCQPTQF RCSNGCCIDS FLECDDTPNC PDASDEAACE KYTSGFDELQ RIHFPSDKGH CVDLPDTGLC KESIPRWYYN PFSEHCARFT YGGCYGNKNN FEEEQQCLES CRGISKKDVF GLRREIPIPS TGSVEMAVAV FLVICIVVVV AILGYCFFKN QRKDFHGHHH HPPPTPASST VSTTEDTEHL VYNHTTRPL
Source	Yeast
Target Names	SPINT1
Protein Names	Recommended name: Kunitz-type protease inhibitor 1 Alternative name(s): Hepatocyte growth factor activator inhibitor type 1 Short name= HAI-1
Expression Region	36-529
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 of Mature Protein
Target Details	This protein is a member of the Kunitz family of serine protease inhibitors. The protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants encoding different isoforms.
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.