



Recombinant Human Kallikrein-7 (KLK7), partial

Product Code	CSB-EP012458HU-B
Storage	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.
Uniprot No.	P49862
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	DKIIDGAPCARGSHPWQVALLSGNQLHCGGVLVNERWVLTAAHCKMNEYTVH LGSDTLGDRAQRIKASKSFRHPGYSTQTHVNDLMLVKNLSQARLSSMVKKV RLPSRCEPPGTTCTVSGWGTSTSPDVTFPSDLMCVDVKLISPQDCTKVYKDLL ENSMCAGIPDSKKNACNGDSSGGLVCRGTLQGLVSWGTFPCGQPNDPGVY TQVCKFTKWINDTMKKHR
Research Area	Cancer
Source	E.coli
Target Names	KLK7
Protein Names	Recommended name: Kallikrein-7 Short name= hK7 EC= 3.4.21.117Alternative name(s): Serine protease 6 Stratum corneum chymotryptic enzyme Short name= hSCCE
Expression Region	28-253aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded enzyme is thought to be involved in the proteolysis of intercellular cohesive structures preceding desquamation, which is the shedding of the outermost layer of the epidermis. Alternative splicing of this gene results in two transcript variants encoding the same 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

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