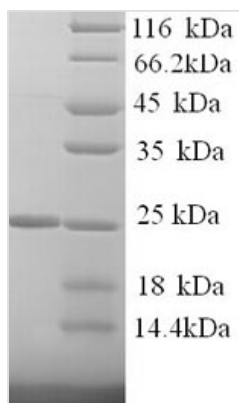




Recombinant Human Kallikrein-7(KLK7)

Product Code	CSB-YP012458HU
Relevance	May catalyze the degradation of intercellular cohesive structures in the cornified layer of the skin in the continuous shedding of cells from the skin surface. Specific for amino acid residues with aromatic side chains in the P1 position. Cleaves insulin A chain at '14-Tyr- -Gln-15' and insulin B chain at '6-Leu- -Cys-7', '16-Tyr- -Leu-17', '25-Phe- -Tyr-26' and '26-Tyr- -Thr-27'. Could play a role in the activation of precursors to inflammatory cytokines.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Serine protease 6Stratum corneum chymotryptic enzyme ;hSCCE
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DKIIDGAPCARGSHPWQVALLSGNQLHCGGVLVNERWVLTAAHCKMNEYTVH LGSDTLGDRRAQRIKASKSFRHPGYSTQTHVNDLMLVKLNSQARLSSMVKKV RLPSRCEPPGTTCTVSGWGTSTTSPDVTFPDLMCVDVKLISPQDCTKVYKDLL ENSMLCAGIPDSKKNACNGDSGGPLVCRGTLQGLVSWGTFPCGQPNDPGVY TQVCKFTKWINDTMKKHR
Research Area	Cancer
Source	Yeast
Gene Names	KLK7
Protein Names	Recommended name: Kallikrein-7 Short name= hK7 EC= 3.4.21.117 Alternative 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°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	26.7kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.