



Recombinant Human Kallikrein-6 (KLK6)

Product Code	CSB-EP842165HU-B
Abbreviation	KLK6
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.	Q92876
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	LVHGGPCDK TSHPYQAALY TSGHLLCGGV LIHPLWVLT A AHCKKPNLQV FLGKHNLQRQ ESSQEQQSSVV RAVIHPDYDA ASHDQDIMLL RLARPAKLSE LIQPLPLERD CSANTTSCHI LGWGKTADGD FPDITQCAI HLVSREECEH AYPGQITQNM LCAGDEKYGK DSCQGDGSGP LVCGDHLRGL VSWGNI PCGS KEKPGVYTNV CRYTNWIKT IQAK
Source	E.coli
Target Names	KLK6
Protein Names	Recommended name: Kallikrein-6 EC= 3.4.21.- Alternative name(s): Neurosin Protease M SP59 Serine protease 18 Serine protease 9 Zyme
Expression Region	22-244
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	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. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer s disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene.
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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