Recombinant Human Kallikrein-15 (KLK15)

Product Code	CSB-EP884452HU-B
Abbreviation	KLK15
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.	Q9H2R5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	LLEGDECAP HSQPWQVALY ERGRFNCGAS LISPHWVLSA AHCQSRFMRV RLGEHNLRKR DGPEQLRTTS RVIPHPRYEA RSHRNDIMLL RLVQPARLNP QVRPAVLPTR CPHPGEACVV SGWGLVSHNE PGTAGSPRSQ VSLPDTLHCA NISIISDTSC DKSYPGRLTN TMVCAGAEGR GAESCEGDSG GPLVCGGILQ GIVSWGDVPC DNTTKPGVYT KVCHYLEWIR ETMKRN
Source	E.coli
Target Names	KLK15
Protein Names	Recommended name: Kallikrein-15 EC= 3.4.21.- Alternative name(s): ACO protease
Expression Region	22-256
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. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct 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

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