



# Recombinant Human Kallikrein-14 (KLK14)

<b>Product Code</b>	CSB-EP868375HU-B
<b>Abbreviation</b>	KLK14
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9P0G3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	IIGGHTCTRS SQPWQAALLA GPRRRFLCGG ALLSGQWVIT AAHCGRPILQ VALGKHNLRR WEATQQVLRV VRQVTHPNYN SRTHDNDLML LQLQQPARIG RAVRPIEVTQ ACASPGTSCR VSGWGTISSP IARYPASLQC VNINISPDEV CQKAYPRTIT PGMVCAGVPQ GGDSCQGDS GGPLVCRGQL QGLVSWGMR CALPGYPGVY TNLCKYRSWI EETMRDK
<b>Source</b>	E.coli
<b>Target Names</b>	KLK14
<b>Protein Names</b>	Recommended name: Kallikrein-14 Short name= hK14 EC= 3.4.21.- Alternative name(s): Kallikrein-like protein 6 Short name= KLK-L6
<b>Expression Region</b>	41-267
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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. An additional transcript variant has been described but its full length nature has not been determined.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.