



# Recombinant Human Keratin, type I cytoskeletal 10 (KRT10)

<b>Product Code</b>	CSB-EP012504HU-B
<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>	P13645
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSVRYSSSKH YSSSRSGGGG GGGGCGGGG VSSLRISSK GSLGGGFSSG GFSGGSFSRG SSGGGCFGGG SGGYGGLGGF GGGSFRGSYG SSSFGGSYGG IFGGGSFGGG SFGGGSFGGG GFGGGGFGGG FGGGFGGDGG LLSGNEKVTM QNLNDRLAS LDKVRALEES NYELEGKIKE WYKHHGNSHQ GEPRDYSKYY KTIDDLKNQI LNLTTDNANI LLQIDNARLA ADDFRLKYEN EVALRQSVEA DINGLRRVLD ELTLTKADLE MQIESLTEEL AYLKKNHEEE MKDLRNVSTG DVNVEMNAAP GVDLTQLLNN MRSQYEQLAE QNRKDAEAWF NEKSKELTTE IDNNIEQISS YKSEITELRR NVQALEIELQ SQLALKQSLE ASLAETEGRY CVQLSQIQAQ ISALEEQLQQ IRAETECQNT EYQQLLDIKI RLENEIQTYR SLLEGEQSSG GGGRGGGSGF GGYGGGSSGG GSSGGGHGGG HGGSSGGGYG GGSSGGGSSG GGYGGGSSSG GHGGSSSGGY GGGSSGGGGG GYGGGSSGGG SSSGGGYGGG SSSGGHKSSS SGVGESSSK GPRY
<b>Source</b>	E.coli
<b>Target Names</b>	KRT10
<b>Protein Names</b>	Recommended name: Keratin, type I cytoskeletal 10 Alternative name(s): Cytokeratin-10 Short name= CK-10 Keratin-10 Short name= K10
<b>Expression Region</b>	1-584
<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 protein
<b>Target Details</b>	This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin



family members on chromosome 17q21.

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**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.

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