



# Recombinant Human Keratin, type II cytoskeletal 8 (KRT8), partial

<b>Product Code</b>	CSB-EP012574HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P05787
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SIRVTQKSY KVSTSGPRAF SRSYTSRPGG SRISSSSFSR VGSSNFRGGL GGYGGASGM GGITAVTVNQ SLLSPLVLEV DPNIQAVRTQ EKEQIKTLNN KFASFIDKVR FLEQQNKMLE TKWSLLQQQK TARSNMDNMF ESYINNLRRQ LETLGQEKLK LEAELGNMQG LVEDFKNKYE DEINKRTEME NEFVLIKKDV DEAYMNKVEL ESRLEGLTDE INFLRQLYEE EIRELQSQIS DTSVVLSDMN SRSLDMSII AEVKAQYEDI ANRSRAEAE MYQIKYEELQ SLAGKHGDDL RRTKTEISEM NRNISRLQAE IEGLKGQRAS LEAAIADAEQ RGELAIKDN AKLSELEAAL QRAKQDMARQ LREYQELMNV KLALDIEIAT YRKLEGEES RLESGMQNMS IHTKTTSGYA GGLSSAYGGL TSPGLSYSLG SSFGSGAGSS SFSRTSSRA VVVKKIETRD GKLVSSESDV LPK
<b>Source</b>	E.coli
<b>Target Names</b>	KRT8
<b>Protein Names</b>	Recommended name: Keratin, type II cytoskeletal 8 Alternative name(s): Cytokeratin-8 Short name= CK-8 Keratin-8 Short name= K8 Type-II keratin Kb8
<b>Expression Region</b>	2-483
<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>	partial
<b>Target Details</b>	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis.
<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.



## Shelf Life

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.