



# Recombinant Human Keratin, type II cytoskeletal 2 oral (KRT76)

<b>Product Code</b>	CSB-BP012570HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q01546
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MNRQVCKKSF SGRSQGFSGR SAVVSGSSRM SCVARSSGAG  GGACGFRSGA GSFGRSLYN LGSNKISIS VAAGSSRAGG FGGGRSSCGF  AGGYGGGFGG SYGGGFGGGR GVGSGFGGAG GFGGAGGFGG  PGVFGGPGSF GPGGGFGPGG FPGGIQEVIV NQSLQLPLNV EIDPQIGQVK  AQEREQIKTL NKFASFIDK VRFLEQQNKV LETKWELLQQ QTTGSGPSSL  EPCFESYISF LCKQLDSELLG ERGNLEGELK SMQDLVEDFK KKYEDEINKR  TAAENEFVGL KKDVDAAFMMN KVELQAKVDS LTDEVSLFRT LYEMELSQQM  SHASDTSVVL SMDNNRCLDL GSIIAEVRAQ YEEIAQRSKS EAEALYQTKL  GELQTTAGRH GDDLRLNTKSE IMELNRMQIR LRAEIENVKK QNANLQTAIA  EAEQRGEMAL KDANAKLQDL QTALQKAKDD LARLLRDYQE LMNVKLALDV  EIATYRKLE GEECRMSGEC QSAVCISVVS NVTSTSGSSG SSRGVFGGVS  GSGSGGYKGG SSSSSSSGYG VSGGSGSGYG GVSSGSTGGR  GSSGSYQSSS SGSRLGGAGS ISVSHSGMGS SSGSIQTSGG  SGYKSGGGGS TSIRFSQTTSSSQHSSTK</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	KRT76
<b>Protein Names</b>	Recommended name: Keratin, type II cytoskeletal 2 oral Alternative name(s): Cytokeratin-2P Short name= CK-2P Short name= K2P Keratin-76 Short name= K76 Type-II keratin Kb9
<b>Expression Region</b>	1-638
<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>	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. The type II keratins are clustered in a region of chromosome 12q13.
<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.