



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

Product Code	CSB-EP012570HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q01546
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MNRQVCKKSF SGRSQGFSGR SAVVSGSSRM SCVARSSGAG GGACGFRSGA GSFGRSLYN LGSNKISIS VAAGSSRAGG FGGGRSSCGF AGGYGGGFGG SYGGGFGGGR GVGSGFGGAG GFGGAGGFGG PGVFGGPGSF GPGGGFGPGG FPGGIQEVIV NQSLQLPLNV EIDPQIGQVK AQEREQIKTL NNKFASFIDK VRFLEQQNKV LETKWELLQQ QTTGSGPSSL EPCFESYISF LCKQLDSELLG ERGNLEGELK SMQDLVEDFK KKYEDEINKR TAAENEFVGL KKDVDAAFMM KVELQAKVDS LTDEVSLRT LYEMELSQQM SHASDTSVVL SMDNNRCLDL GSIIAEVRAQ YEEIAQRSKS EAEALYQTKL GELQTTAGRH GDDLRLTKSE IMELNRMQR LRAEIVNKK QNANLQTAIA EAEQRGEMAL KDANAKLQDL QTALQKAKDD LARLLRDYQE LMNVKLALDV EIATYRKLE GEECRMSGEC QSAVCISVVS NVTSTSGSSG SSRGVFGGVS GSGSGGYKGG SSSSSSSGYG VSGGSGSGYG GVSSGSTGGR GSSGSYQSSS SGSRLGGAGS ISVSHSGMGS SSGSIQTSGG SGYKSGGGGS TSIRFSQTTSSSQHSSTK</p>
Source	E.coli
Target Names	KRT76
Protein Names	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
Expression Region	1-638
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 protein
Target Details	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.
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

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.