



Recombinant Human Keratin, type I cytoskeletal 23 (KRT23)

Product Code	CSB-EP871632HU-B
Abbreviation	KRT23
Storage	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.
Uniprot No.	Q9C075
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNSGHSFSQT PSASFHGAGG GWGRPRSFPR APTVHGGAGG ARISLSFTTR SCPPPGGSWG SGRSSPLLGG NGKATMQNLN DRLASYLEKV RALEEANMKL ESRILKWHQQ RDPGSKKDYS QYEENITHLQ EQIVDGKMTN AQIILLIDNA RMAVDDFNK YENEHSFKKD LEIEVEGLRR TLDNLTIVTT DLEQEVEGMR KELILMKKHH EQEMEKHHVP SDFNVNVKVD TGPREDLIKV LEDMRQEYEL IIKKKHRDLT TWYKEQSAAM SQEAASPATV QSRQGDHIEL KRTFQALEID LQTQYSTKSA LENMLSETQS RYSCKLQDMQ EIISHYEEEL TQLRHELERQ NNEYQVLLGI KTHLEKEITT YRRLLEGESE GTREESKSSM KVSATPKIKA ITQETINGRL VLCQVNEIQK HA
Source	E.coli
Target Names	KRT23
Protein Names	Recommended name: Keratin, type I cytoskeletal 23 Alternative name(s): Cytokeratin-23 Short name= CK-23 Keratin-23 Short name= K23
Expression Region	1-422
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	This protein is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.
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.