



Recombinant Human Keratin, type I cytoskeletal 39 (KRT39)

Product Code	CSB-EP727973HU
Abbreviation	KRT39
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.	Q6A163
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDTKGCTTTN SPSTPCQNCS RITNVSTISS NNGCHPGGLT VNNCQPAGHV LRIPWDQGCQ PTPRFCRKPI YLMNPNFARF SLDDCSWYGE GINSNEKETM QILNERLAN Y LQKVRMLERE NAELESKIQE ESNKELPVLC PDYLSYYTTI EELQQKILCT KAENSRLVSQ IDNTKLTADD LRAKYEA EVS LRQLVESDAN GLKQILNVL T LGKADLEA QV QSLKEELLCL KNNHKEEINS LQCQLGERLD IEVTAAPSAD LNQVLQEMRC QYEPIMETNR KDVEQWFNTQ IEELNQQVVT SSQQQQCCQK EIIELRRSVN TLEVELQAQH RMRDSQECIL TETEARYTAL LTQIQSLIDN LEAQLAEIRC ALERQNQEYE ILLDVKSRL E CEITTYRSL L ESSDGKRPCY PRATKCEPSP WTSCKSGAIE STAPACTSSS PCSLKEHC SA CGPLSRILVK ICTITKEIKD GKVISSYEHV QPCFIIRPAK V
Source	E.coli
Target Names	KRT39
Protein Names	Recommended name: Keratin, type I cytoskeletal 39 Alternative name(s): Cytokeratin-39 Short name= CK-39 Keratin-39 Short name= K39 Type I hair keratin Ka35
Expression Region	1-491
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 gene encodes a member of the type I (acidic) keratin 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. The type I keratin 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.