Recombinant Human Keratin, type I cuticular Ha8 (KRT38)

Product Code	CSB-EP012554HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O76015
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTSSYSSSSC PLGCTMAPGA RNVSVSPIDI GCQPGAEANI APMCLLANVA HANRVRVGST PLGRPSLCLP PTCHTACPLP GTCHIPGNIG ICGAYGENTL NGHEKETMQF LNDRLANYLE KVRQLEQENA ELEATLLERS KCHESTVCPD YQSYFHTIEE LQQKILCSKA ENARLIVQID NAKLAADDFR IKLESERSLR QLVEADKCGT QKLLDDATLA KADLEAQQES LKEEQLSLKS NHEQEVKILR SQLGEKLRIE LDIEPTIDLN RVLGEMRAQY EAMLETNRQD VEQWFQAQSE GISLQDMSCS EELQCCQSEI LELRCTVNAL EVERQAQHTL KDCLQNSLCE AEDRFGTELA QMQSLISNVE EQLSEIRADL ERQNQEYQVL LDVKTRLENE IATYRNLLES EDCKLPCNPC STSPSCVTAP CAPRPSCGPC TTCGPTCGAS TTGSRF
Source	E.coli
Target Names	KRT38
Protein Names	Recommended name: Keratin, type I cuticular Ha8 Alternative name(s): Hair keratin, type I Ha8 Keratin-38 Short name= K38
Expression Region	1-456
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 gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.
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.