Recombinant Human Keratin, type I cytoskeletal 9 (KRT9)

Product Code	CSB-MP012587HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35527
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSCRQFSSSY LSRSGGGGGG GLGSGGSIRS SYSRFSSSGG GGGGGRFSSS SGYGGGSSRV CGRGGGGSFG YSYGGGSGGG FSASSLGGGF GGGSRGFGGA SGGGYSSSGG FGGGFGGGSG GGFGGGYGSG FGGFGGFGGG AGGGDGGILT ANEKSTMQEL NSRLASYLDK VQALEEANND LENKIQDWYD KKGPAAIQKN YSPYYNTIDD LKDQIVDLTV GNNKTLLDID NTRMTLDDFR IKFEMEQNLR QGVDADINGL RQVLDNLTME KSDLEMQYET LQEELMALKK NHKEEMSQLT GQNSGDVNVE INVAPGKDLT KTLNDMRQEY EQLIAKNRKD IENQYETQIT QIEHEVSSSG QEVQSSAKEV TQLRHGVQEL EIELQSQLSK KAALEKSLED TKNRYCGQLQ MIQEQISNLE AQITDVRQEI ECQNQEYSLL LSIKMRLEKE IETYHNLLEG GQEDFESSGA GKIGLGGRGG SGGSYGRGSR GGSGGSYGGG GSGGGYGGGS GSRGGSGGSY GGGSGSGGGS GGGYGGGSGG GHSGGSGGGH SGGSGGNYGG GSGSGGGSGG GYGGGSGSRG GSGGSHGGGS GFGGESGGSY GGGEEASGSG GGYGGGSGKS SHS
Source	Mammalian cell
Target Names	KRT9
Protein Names	Recommended name: Keratin, type I cytoskeletal 9 Alternative name(s): Cytokeratin-9 Short name= CK-9 Keratin-9 Short name= K9
Expression Region	1-623
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 the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma.
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.