



Recombinant Human Keratin, type I cytoskeletal 9 (KRT9)

Product Code	CSB-YP012587HU
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	<p>MSCRQFSSSY LSRSGGGGGG GLGSGGSIRS SYSRFSSSSGG GGGGGRFSSS SGYGGGSSRV CGRGGGGSFG YSYGGGSGGG FSASSLGGGF GGSRGFPGA SGGYSSSSGG FGGFSGGGSG GGFGGGYGSG FGGFSGFGGG AGGGDGGILT ANEKSTMQEL NSRLASYLDK VQALEEANND LENKIQDWYD KKGPAAIQKN YSPYYNTIDD LKDQIVDLTV GNNKTLDDID NTRMTLDDFR IKFEMEQLNR QGVDADINGL RQVLDNLTME KSDLEMQYET LQEELMALKK NHKEEMSQLT GQNSGDVNVE INVAPGKDLT KTLNDRQEQY EQLIAKNRKD IENQYETQIT QIEHEVSSSSG QEVQSSAKEV TQLRHGVQEL EIELSQLSK KAALEKSLED TKNRYCGQLQ MIQEIQISNLE AQITDVRQEI ECQNQEYSL LSIKMRLEKE IETYHNLLEG GQEDFESSGA GKIGLGGRGG SGGSYGRGSR GSGSGSYGGG GSGGGYGGGS GSRGGSGGSY GGGSGSGGGG GGGYGGGSGG GHSGSGGGGH SGGSGGNYGG GSGSGGGSGG GYGGGSGSRG GSGGSHGGGS GFGGESGGSY GGGEEASGSG GGYGGGSGKS SHS</p>
Source	Yeast
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.