



Recombinant Human Keratin, type I cytoskeletal 9 (KRT9)

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|--------------------------|---|
| Product Code | CSB-BP012587HU |
| 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 SYSRFSSSSG GGGGGRFSSS SGYGGGSSRV CGRGGGGSFG YSYGGGSGGG FSASSLGGGF GGSRGFPGA SGGYSSSSG FGGFGGGSG GGFGGYGSG FGGFGGFGG AGGDGGILT ANEKSTMQEL NSRLASYLDK VQALEEANND LENKIQDWYD KKGPAAIQKN YSPYYNTIDD LKDQIVDLTV GNNKTLDDID NTRMTLDDFR IKFEMEQLR QGVDADINGL RQVLDNLTME KSDLEMQYET LQEELMALKK NHKEEMSQLT GQNSGDVNVE INVAPGKDLT KTLNDRQEQY EQLIAKNRKD IENQYETQIT QIEHEVSSSS QEVQSSAKEV TQLRHGVQEL EIELSQLSK KAALEKSLED TKNRYCGQLQ MIQEIQISNLE AQITDVRQEI ECQNQEYSL LSIKMRLEKE IETYHNLLG GQEDFESSGA GKIGLGGRGG SGGSYGRGSR GSGGSGYGGG GSGGGYGGGS GSRGGSGGSY GGGSGSGGGS GGGYGGGSGG GHSGGSGGGH SGGSGGNYGG GSGSGGSGG GYGGGSGSRG GSGGSHGGGS GFGGESGGSY GGGEEASGSG GGYGGGSGKS SHS</p> |
| Source | Baculovirus |
| 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.