



Recombinant Rat Keratin, type I cytoskeletal 9 (Krt9)

Product Code	CSB-MP813214RA
Abbreviation	Krt9
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.	Q8CIS9
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MSFRQISSSF RSSSGSSCGG GGGRGASRGS MRSSFGRSSR AGGESRFSS SGFGGGGFS ACGTGGGGSFG SSYGGGYGRG FSAGSSSGMF GGSSRGCFFG GSGGGFGGGS GGGFGGGFFG GFGGGSGGGE GSILNTNEKV VMQNLNSRLA SYMDKVQELE EDNANLEKQI QEWYSRKG NR VFQKDYSHY NTIEDLKDRI VDLTARNKA LIDMDNTRMT LGDFRVKLEM EQSLPQGVDA DINGLQKVLD DINMEKSDLE IQFDSLDEL KALKKSHKEE MNQLTGLNDG DVNVEINVAP STDLTQVLND MREEYEHLIS KNRQDIEQHY ESQMTQIEHQ LTNSGPEMET NMKQVSQLQH SVQELNIELQ TQLTTKSALE KALEDTKNRY CGQLQQIREQ ISEMEAQLAQ VRAETECQNQ EYGLLLSIKT RLEKEIETYR KLLEGGQQDF ESSGAGQIGF GSGKGGQRGS GGSYGGGSGD SYEGESGGSY GGGSGGSHGG KSGGSYGGGS SSGGGSGGSY GGGSGGSHGG KSGGSHGGGS GGSYGGGSGS GGESGGSYGG GSGGSHGGQK GSGGGSYEGG SGGSYGGGSG SGGGSGGSYG GGNTRPSQSQ SSQIPRLR
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 Spermatid perinuclear ring manchette protein K9
Expression Region	1-618
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

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