



# Recombinant Rat Keratin, type I cytoskeletal 9 (Krt9)

<b>Product Code</b>	CSB-EP813214RA-B
<b>Abbreviation</b>	Krt9
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8CIS9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSFRQISSSF RSSSGSSCGG GGGRGASRGS MRSSFGRSSR AGGESRFSS SGFGGGGFSA CGTGGGGSFG SSYGGGYGRG FSAGSSSGMF GGSSRGCFFG GSGGGFGGGS GGGFGGGFGG GFGGGSGGGE GSILNTNEKV VMQNLNSRLA SYMDKVQELE EDNANLEKQI QEWYSRKGNR VFQKDYSHYY NTIEDLKDRI VDLTARNNKA 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
<b>Source</b>	E.coli
<b>Target Names</b>	Krt9
<b>Protein Names</b>	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
<b>Expression Region</b>	1-618
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.



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**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.

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