



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

<b>Product Code</b>	CSB-EP761418MO-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>	Q6RHW0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSCRQSSSSF WSSSSSCGGG GGRGGSGGSM RSSFSRSSRA GGGGGGRFNS SSGFSGGGFS ACGGGGGGSF GSSYGGGYGG GFSTGSYSGM FGGGSGGGFG GSGGGFGGG SGGGFGGGSG GEGGILNTN EKIVMQNLNS RLASYMEKVL ELEESNTAME KQIQDWYSKR GPKVFQKDNT HYYDTIEDLK DRIVDLTVRN NKTLVDIDNT RMTMDDFRVK LEMEQSLRQG VEGDINGLKK VLDDLVMAS DLEILLDSLE DEKNALTKNH KEEMSQLTGQ NDGDVNVEIN VAPSTDLTRV LNDMREEYEQ LISKNRQDIE QHYESKMTQI EQQMTNSGQE MESNMKQVSQ LQHTIQELNV ELQTQLTTKS ALEKALEDTK NRYCGQLQQI QEQISELEAQ LAEIRAETEC QSQEYSILLS IKTRLEKEIE TYRELLEGGQ QDFESSGAGQ IGFSGGKGRQ RSGGGSYGGG SGGSYGGGSG GSYGGGSGGS YGGGSGGSYG GSGGSHGGK SGGSHGGGSG GSYGGESGGS HGGGSGGSYG GSGGSHGGK SGGGYGGGSS SGGGSGGSYG GSGGSHGGG SGGSYGGGSG GSHGGKSGGG YGGGSSSGGG SGGSYGGGSG GSHGGKSGGS YGGGSGGSYG GSGGSHGGK SGGYGGGSS SGGGSGGSYG GSGGSHGGK SGGSYGGGSS SGGGSGGSYG GSGGSGGGSG GSYGGGNRRP SQQSSSSKSA DCDDDSQEHK MRY
<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
<b>Expression Region</b>	1-743
<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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**Shelf Life**

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