



# Recombinant Rat Keratin, type I cytoskeletal 10 (Krt10)

<b>Product Code</b>	CSB-EP760795RA
<b>Abbreviation</b>	Krt10
<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>	Q6IFW6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSVRFSSNSR QYSSARSGGG GGGGGGGSSI RVSSTKSSLG GGYSSGGFSG GSFSRGSSSG GCFGGSSGGY GGFGGGSFSG GYGGGSFSGG YGGGSFGGGY GGSFSGGGYG GGSFGGGSFG GGSFGGGSFG GGLGGDGGGL LSGNEKVTMQ NLNDRLASYM NKVRDLEESN YELEGKIKEW YEKHGNSSQR EPRDYSKYYK TIEDLKGQIV NLTTDNANVL LQIDNARLAA DDFRLKYENE VALRQSVEAD INGLRRVLDE LTLSKADLEM QIESLTEELA YLKKNHHEEM KDLQNVSTGD VNVEMNAAPG VDLTQLLNNM RNQYEQLAEK NRKDAEAWFN EKSKELTTEI DSNIEQMSSH KSEITELRRT VQGLEIELQS QLALKQSLEA SLAETEGRYC VQLSQIQSQI SAL EEQLQQI RAETECQNAE YQQLLDIKTR LENEIQTYRS LLEGEGGYVG NLQITLNCFP SEFHLAKLTQ TQGKTRGWKG SNTNKTRVIK TIIIEVTPEG RVLSSMIESE TKKHFY
<b>Source</b>	E.coli
<b>Target Names</b>	Krt10
<b>Protein Names</b>	Recommended name: Keratin, type I cytoskeletal 10 Alternative name(s): Cytokeratin-10 Short name= CK-10 Keratin-10 Short name= K10 Type I keratin Ka10
<b>Expression Region</b>	1-526
<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 a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with



epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.

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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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