Recombinant Mouse Keratin, type I cytoskeletal 10 (Krt10)

Product Code	CSB-MP012504MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P02535
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSVLYSSSSK QFSSSRSGGG GGGGSVRVSS TRGSLGGGYS SGGFSGGSFS RGSSGGGCFG GSSGGYGGFG GGGSFGGGYG GSSFGGGYGG SSFGGGYGGS SFGGAGFGGG GSFGGGSFGG GSYGGGFGGG GFGGDGGSLL SGNGRVTMQN LNDRLASYMD KVRALEESNY ELEGKIKEWY EKHGNSSQRE PRDYSKYYKT IEDLKGQILT LTTDNANVLL QIDNARLAAD DFRLKYENEV TLRQSVEADI NGLRRVLDEL TLSKSDLEMQ IESLNEELAY LKKNHEEEMR DLQNVSTGDV NVEMNAAPGV DLTQLLNNMR NQYEQLAEKN RKDAEEWFNQ KSKELTTEID SNIEQMSSHK SEITELRRTV QGLEIELQSQ LALKQSLEAS LAETEGRYCV QLSQIQSQIS ALEEQLQQIR AETECQNAEY QQLLDIKTRL ENEIQTYRSL LEGEGSSSGG GGGRRGGSGG GSYGGSSGGG SYGGSSGGGG SYGGSSGGGG SYGGGSSGGG SHGGSSGGGY GGGSSSGGAG GHGGSSGGGY GGGSSSGGQG GSGGFKSSGG GDQSSKGPRY
Source	Mammalian cell
Target Names	Krt10
Protein Names	Recommended name: Keratin, type I cytoskeletal 10 Alternative name(s): 56 kDa cytokeratin Cytokeratin-10 Short name= CK-10 Keratin, type I cytoskeletal 59 kDa Keratin-10 Short name= K10
Expression Region	1-570
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 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.
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.