



Recombinant Mouse Keratin, type I cytoskeletal 12 (Krt12)

Product Code	CSB-EP720658MO-B
Abbreviation	Krt12
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.	Q64291
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MLSLVCTSAL SRRSSSQNGA AGRPWGASAS SVAGGYGGSA SGFGVGCGL FSAASMFGSS SGFSGGSAGC LPGLGSAYGG PLRGGAGGMG IGMGIAGSSG GGLCIFSNG DGLLSGSEK ETMQNLNDR ASYLGKVRSL EEANAELN IREWYETRRT RDAGSQSDYS KYYP NKIVSARVSN AQLLLQIDNA RLAAEDFRMK YENELALRQT VEA VLDELTLTRA DLEAQLETLT EELAYMKNH EEELQSFQAG GPGEV AAPGVDLTKV LNEMRAQYEA MAEQNRKDAE AWFLEKSGEL RKEIS LQSSKSEVTD LKRMVQNLEI ELQSQLAMKS SLEGLAETE GGYCC QQLIGSLEEQ LQQVRADAER QNADHQRLG VKARLEMEIE TYRR QGDGFDESSS LSVSKPQTPS VDSSKDPNKT RKIKTVVQEI VNGE QELEEEM
Source	E.coli
Target Names	Krt12
Protein Names	Recommended name: Keratin, type I cytoskeletal 12 Alternative name(s): Cytokeratin-12 Short name= CK-12 Keratin-12 Short name= K12
Expression Region	1-487
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	KRT12 encodes the type I intermediate filament chain keratin 12, expressed in corneal epithelia. Mutations in this gene lead to Meesmann corneal dystrophy.
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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