



Recombinant Mouse Keratin, type I cytoskeletal 17 (Krt17)

Product Code	CSB-MP889547MO
Abbreviation	Krt17
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.	Q9QWL7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MTTIRQFTS SSSIKGSSGL GGGSSRTSCR LSGSLGAGSC RLGSASGLGS ALGSNSYSSC YSFGTGSGYG GNFGGVDGLL AGGEKATMQN LNDRLASYLD KVRALEEANT ELEVKIRDWY QKQAPGPARD YSAYYHTIED LKNKILVATV DNASILLQID NARLAADDFR TKFETEQUALR MSVEADINGL RRVLDELTLA RADLEMQIEN LKEELAYLKK NHEEEMNALR GQVGGEINVE MDAAPGVDLS RILSEMRDQY EKMAEKNRKD AEDWFFSKTE ELNREVATNS ELVQSGKSEI SELRRTMQAL EIELQSQLSM KASLEGSLAE TENRYCVQLS QIQGLIGSVE EQLAQLRCCEM EQQNQEYKIL LDVKTRLEQE IATYRRLLLEG EDAHLTQYKP KEPVTRRQVR TIVEEVQDGK VISSREQVHQ TTR
Source	Mammalian cell
Target Names	Krt17
Protein Names	Recommended name: Keratin, type I cytoskeletal 17 Alternative name(s): Cytokeratin-17 Short name= CK-17 Keratin-17 Short name= K17
Expression Region	1-433
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 the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex.
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.