



Recombinant Mouse Keratin, type I cytoskeletal 15 (Krt15)

Product Code	CSB-EP717211MO-B
Abbreviation	Krt15
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.	Q61414
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MATTFLQTSS TFGGSSTRGA SLRAGGGSFG GGSLYGGGGS RSISASSARF VSSGAGGGFG GGMSCGFGGG FGGGFGGGFG GFGDFGGGD GGLLSGNEKV TMQNLNDRLA SYLDKVRALQ QANTELEVKI RDWYQKQSPA SPDRDYSHYF KTMEEIRDKI LAATIDNSRV VLEIDNARLA ADDFRLKYEN ELTLRQGVEA DINGLRRVLD ELTLARTDLE MQIEQLNEEL AYLKKNHEEE MKEFSSQLAG QVNVEMDAAP GVDLTRMLAE MREQYEAIAE KNRRDVEAWF FSKTEELNKE VASNTEMIQT SKTEITDLRR TLQGLEIELQ SQLSMKAGLE NSLAEVECRY ATQLQQIQGV ITGLETQLSE LRCEMEAQNG EYNMLLDIKT RLEQEIATYR NLLEGQDAKM AGIGVREGSS GGGGSSSSSS NFHISVEESV DGKVVSSRKR EI
Source	E.coli
Target Names	Krt15
Protein Names	Recommended name: Keratin, type I cytoskeletal 15 Alternative name(s): Cytokeratin-15 Short name= CK-15 Keratin-15 Short name= K15
Expression Region	1-452
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 protein is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2.
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.