



Recombinant Mouse Keratin, type I cytoskeletal 24 (Krt24)

Product Code	CSB-EP012540MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A1L317
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<p>MFCSAQKGSC SSRVSSSGAV GSRGCTGGSS FGGSSCGLG GGSAWGFQGS SNSWSLSSGS KGSMGGGFGS CSVRGGFGAA SSYGGGSGFG GSSGFGGGSG FGGGSGFSGG SSGGFSSYGG SMGCGLGGVS GYDGGLLSGS EKQTMQDLND RLANYLDKVR ALEEANTDLE CKIKDWYGKH GSVKGGSGRD YSQYYSIED LKKQILSATC ENARMTLQID NARLAADDFR MKYEHCLCLR ECLEADINGL RKVLDGMTMT RCDLEMQIEG LTEELVFLRK NHEEEMKCMQ GSSGGDVTVE MNAAPGVDLT KLLNDMRAQY EAMAEQNRQE AERQFNERSA SLQAQISSDA GEANCARSEV MELKRTVQTL EIELQSQLAL KCSLEGLTAD TEAGYVAQLS GIQAQISSLE EQLSQIRAET QCQSAEYECL LNIKTRLEQE IETYRLLNG DGGGCDYRNL VSKNVVLSDS GSCAGQGKDP SKTRVTKTII EEVVDGRVVS SQVSNISEVK IK</p>
Source	E.coli
Target Names	Krt24
Protein Names	Recommended name: Keratin, type I cytoskeletal 24 Alternative name(s): Cytokeratin-24 Short name= CK-24 Keratin-24 Short name= K24 Type I keratin-24
Expression Region	1-512
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) keratin 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. The type I keratin genes are clustered in a region of chromosome 17q12-q21.
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.