Recombinant Mouse Keratin, type I cuticular Ha6 (Krt36)

Product Code	CSB-EP012552MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B1AQ75
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MATQICTPTF SAGSAKGLCG TSGSFSRISS IHSMGSCRAP SLVGTVGSVS SFRTGFSGPG SCLPGSYLSS GCHSSGFAGS GGWFCEGAFN GNEKATMQIL NDRLANYLEK VRQLEQENTQ LECRIREWYE CQIPYICPDY QSYFKTAEEL QQKILLTKSE NARLILQIDN AKLAADDFRT KYETELSLRQ LVEADINGLR RILDELTLCK ADLEAQVESL KEELLCLKRN HEEEVNALRS QLGDRLNVEV DAAPPVDLNK ILDDMRCQYE TLVENNRRDV EAWFNTQTEE LNQQVVSSSE QLQCCQTEII ELRRTVNSLE IELQAQQSMR NSLESTLAET EARYSSQLGQ MQCLITNVES QLAEIRCDLE RQNHEYQVLL DVKARLESEI ATYRRLLDGE DCKLPAHPCS TECKPAVRVP YIPSTTCTPA GPCTPAGPCT PAPQVSTQIR TITEEIRDGR VISSREHVVP RAM
Source	E.coli
Target Names	Krt36
Protein Names	Recommended name: Keratin, type I cuticular Ha6 Alternative name(s): Keratin-36 Short name= K36 Keratin-5 MHRa-1 Type I keratin 48 kDa
Expression Region	1-473
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. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.
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.