



Recombinant Sheep Keratin, type I cytoskeletal 15 (KRT15)

Product Code	CSB-EP012514SH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O77727
Product Type	Recombinant Protein
Immunogen Species	Ovis aries (Sheep)
Purity	>85% (SDS-PAGE)
Sequence	MATLLQTSS STFGGSSTRG GLLAGGGGF GGSGLYGGGG SRTISASSAR FVSSGSAGGY GGGFGGGAGS GYGGGFGGGF GGGFGSGFGD FGGGDGGLLS GNEKITMQNL NDRLASYLEK VRALEEANAD LEVKIRDWYQ RQSPTSPERD YSPYFKTTDE LRDKILAAAI DNSRVILEID NARLAADDFR LKYENEMALR QSVEADINGL RRVLDELTLT KTDLEMQIES LNEELAYLKK NHEEEMKEFS NQLAGQVNVE MDAAPGVDLT RVLSEMREQY EAMAEKNRRD AEAFFFSKTE ELNKEVASNT EMIQTSKSEI TDLRRTIQGL EIELSQLSM KAGLESTLAE TDGRYAAQLQ QIQGLISSIE AQLSELRSEM EAQNQEYKML LDIKTRLEQE IATYHSLLEG QDARMAGIGT GEASLGGGGG GKVRINVEES VDGKVVSSRK REI
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	1-453
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.