



# Recombinant Bovine Keratin, type I cytoskeletal 17 (KRT17)

<b>Product Code</b>	CSB-EP012516BO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	A1L595
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTTIRHFSS GSIKGSSGLA GGSSRSCRVS GSLGGGSCRL GSAGGLGSGL  GGSSYSSCYS FGSGGGYGSG GYVSGGYGGG FGGVDGLLVG  GEKATMQNLN DRLASYLDKV RALEEANTEL ELKIRDWYQK QAPGPAPDYS  SYFKTIEDLR NKIHTATVDN ANLLLQIDNA RLAADDFR TK FETEALRV  VEADINGLRR VLDELTLARA DLEMQIENLK EELAYLRKNH EEEMKALRGQ  VGGEINVEMD AAPGVDLSRI LNEMRDQYEK MAEKNRKDAE DWFFSKTEEL  NREVATNSEL VQSGKSEISE LRRTLQALEI ELQSLSMKA SLEGLAETE  NRYCMQLSQI QGLIGSVEEQ LAQLRCEMEQ QNQEYKILLD VKTRLEQEIA  TYRRLLEGED AHLTQYKTK E PVTTRQVRTI VEEVQDGRVI SSREQVHQTS H</p>
<b>Source</b>	E.coli
<b>Target Names</b>	KRT17
<b>Protein Names</b>	Recommended name: Keratin, type I cytoskeletal 17 Alternative name(s): Cytokeratin-17 Short name= CK-17 Keratin-17 Short name= K17
<b>Expression Region</b>	1-441
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.