



# Recombinant Sheep Keratin, type I cuticular Ha5 (KRT35)

<b>Product Code</b>	CSB-YP012551SH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B0LK P1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Ovis aries (Sheep)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASKCLKASF SSGSLKVP GG AGGGSARVST IFSSSSCKLS GLSRGPRSF S ACSVGLGKSS CRAASCLPAL CLPSGGFATS YGMAGGWFGE GILTGNEKET MQFLNDR LAS YLEKVRQLER ENAELESRIR DWCEQQVPYL CPDYQSYFQT IEELQKKILC TKSENARLVV QIDNAKLAAD DFRTKYETEV TMRQLVESDM NGLRRILDDL TLCKADLEAQ VESLKEELL C LKKNHEEEVN SLRCQLGDRL NVEVDAAPPV DLNRVLNEMR CQYETLVENN RREAEDWFNT QTEELNQQVV SSSEQLQSYQ AEIILRRTV NALEIELQAQ HSMRDALEST LAETEARYSS QLAQMQLIG NVESQLAEIR CDLERQNQEY QVLLDVRARL ECEISTYRGL L DSEDCKLPC NPCAPDHSPS KSCLPCLPAA SCGPGTAHTT CSPRPICVSC PGSRF
<b>Source</b>	Yeast
<b>Target Names</b>	KRT35
<b>Protein Names</b>	Recommended name: Keratin, type I cuticular Ha5 Alternative name(s): Keratin-35 Short name= K35
<b>Expression Region</b>	1-455
<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 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.
<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.