



Recombinant Sheep Keratin, type I cuticular Ha5 (KRT35)

| | |
|--------------------------|---|
| Product Code | CSB-MP012551SH |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | B0LK P1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Ovis aries (Sheep) |
| Purity | >85% (SDS-PAGE) |
| Sequence | 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 LDESDCKLPC NPCAPDHSPS KSCLPCLPAA SCGPGTAHTT CSPRPICVSC PGSRF |
| Source | Mammalian cell |
| Target Names | KRT35 |
| Protein Names | Recommended name: Keratin, type I cuticular Ha5 Alternative name(s): Keratin-35 Short name= K35 |
| Expression Region | 1-455 |
| 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.