



# Recombinant Human Keratin, type I cuticular Ha6 (KRT36)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP012552HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O76013  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MATQTCTPTF STGSIKGLCG TAGGISRVSS IRSVGSCRVP SLAGAAGYIS<br>SARGLSGLG SCLPGSYLSS ECHTSGFVGS GGWFCEGSFN GSEKETMQFL<br>NDRLANYLEK VRQLERENAE LESRIQEWYE FQIPYICPDY QSYFKTIEDF<br>QQKILLTKSE NARLVLQIDN AKLAADDFRT KYETELSLRQ LVEADINGLR<br>RILDELTLCCK ADLEAQVESL KEELMCLKKN HEEEVSVLRC QLGDRLNVEV<br>DAAPPVDLNK ILEDMRCQYE ALVENNRDV EAWFNTQTEE LNQQVVSSSE<br>QLQCCQTEII ELRRTVNALE IELQAQHSR NSLESTLAET EARYSSQLAQ<br>MQCLISNVEA QLSEIRCDLE RQNQEYQVLL DVKARLEGEI ATYRHLLGE<br>DCKLPPQPCA TACKPVIRVP SVPPVPCVPS VPCTPAPQVG TQIRTITEEI<br>RDGKVISSRE HVQSRPL |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | KRT36   |
| <b>Protein Names</b>     | Recommended name: Keratin, type I cuticular Ha6 Alternative name(s): Hair keratin, type I Ha6 Keratin-36 Short name= K36  |
| <b>Expression Region</b> | 1-467   |
| <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.