



Recombinant Mouse Keratin, type I cuticular Ha2 (Krt32)

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|--------------------------|---|
| Product Code | CSB-EP714011MO-B |
| Abbreviation | Krt32 |
| Storage | 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. |
| Uniprot No. | Q62168 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MPSVCMPTTY RPASCLSKTY LSSSCQPSNR RPTGCISSSM GTYGLFCEGA FNGNEKETMQ VLNDRLANYL EKVRQLEKEN AELEGKIQDV YQGQVLT MCP DYQSYFQTIE ELQQKVLCTK AENARMIVHI DNAKLAADD F RTKYETELAL RQLVEADTNG LRRILDELTL NKADLEAQVE SLKEELLCLK RNHEEEVGV L RQQLGDR LNI EVDAAPPVDL TRMLEEMRCQ YETMVETNHR DVEEWFNMQM EELNKQVATS SEQLQSYQSD IIDLRRTVNT LEIELQAQHS LRDSLENTLG ETEGRFTSQL SQMQCMITNV ESQ LSDIRCD LERQNQEYKV LLDVKARLEC EIDTYRGLLE SEDSKLPCNP CSTPSCQPCA PSPGVSR TVC VPHTVCVPCS PCLQTRY |
| Source | E.coli |
| Target Names | Krt32 |
| Protein Names | Recommended name: Keratin, type I cuticular Ha2 Alternative name(s): Hair keratin, type I Ha2 Keratin-32 Short name= K32 |
| Expression Region | 1-407 |
| 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. As a type I hair keratin, it 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

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