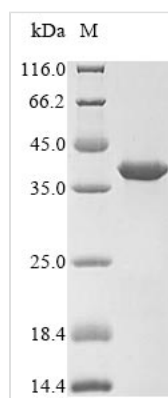




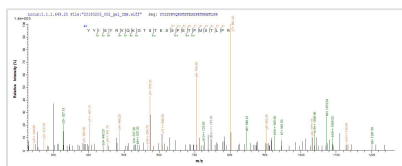
Recombinant Mouse Uroplakin-2 (Upk2)

| | |
|--------------------------|---|
| Product Code | CSB-EP025656MO |
| Relevance | Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in regulating the assembly of the AUM. |
| Abbreviation | Recombinant Mouse Upk2 protein |
| 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. | P38575 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | ELVSVVDSGSGYTVTRL SAYQVTNLTPG TKYYISYRVQKGTSTESSPETPMST LPRKNMESIGLGMARTGGMVVITVLLSVAMFLLVVGLIVALHWDARK |
| Research Area | Signal Transduction |
| Source | E.coli |
| Target Names | Upk2 |
| Protein Names | Uroplakin II |
| Expression Region | 85-184aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-GST-tagged |
| Mol. Weight | 40.8 kDa |
| Protein Length | Full Length of Mature Protein |

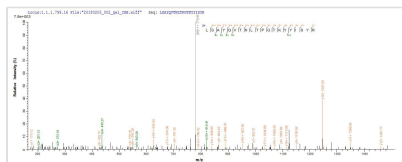
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP025656MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Upk2.



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Description

The Recombinant Mouse Upk2 is an outstanding quality recombinant protein, meticulously produced for your advanced research needs. This protein echoes the characteristics of Uroplakin-2, also known as UP2, Uroplakin II, or UPII, as found in the Mouse species. Expertly generated in an E.coli expression system, this full-length mature protein provides a reliable representation of the natural protein structure, giving you confidence in your experimental results.

The Recombinant Mouse Upk2 encompasses the 85th to the 184th amino acid sequence of the native protein. It comes with an N-terminal 6xHis-GST-tag, offering efficient purification and detection procedures. The purity of this protein exceeds 90%, as validated by SDS-PAGE, ensuring a high-quality product for your research endeavors. The Recombinant Mouse Upk2 is available in both liquid and lyophilized powder forms to best suit your laboratory and storage requirements.

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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