

## Recombinant Mouse UPK2 Protein (85-184 aa), His-GST-tagged

**Cat. No.** UPK2-2408M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse UPK2 Protein (85-184 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-GST tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 85-184 aa                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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.                              |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 40.8 kDa                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | ELVSVVDSGSGYTVTRL SAYQVTNLTPGTKYYISYRVQKGTSTESSPETPMSTLPRK<br>NMESIGLGMARTGGMVVITVLLSVAMFLLVGLIVALHWDARK                                                                                                                                   |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                           |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4                                                                                                                                                              |

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centigrade for up to one week.

**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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** Upk2 uroplakin 2 [ Mus musculus (house mouse) ]

**Official Symbol** UPK2

**Synonyms** Upk2; UPII; AW491716;

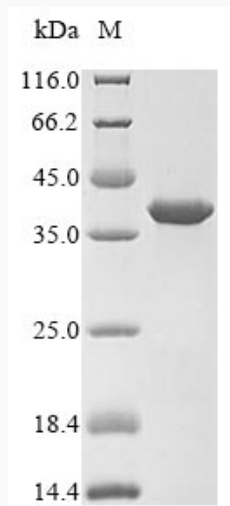
**Gene ID** 22269

**UniProt ID** P38575

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

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