

# Recombinant Rat Upk3b Protein, His-tagged

**Cat. No.** Upk3b-539R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Upk3b Protein (Leu27-Asn184) with N-His tag was expressed in E. coli.                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Leu27-Asn184                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Predicted to be involved in negative regulation of gene expression and negative regulation of glucose import. Predicted to be integral component of membrane. Orthologous to human UPK3B (uroplakin 3B).                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 20.9 kDa<br>Accurate Molecular Mass: 21 kDa                                                                                                                                                                                           |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                      |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Upk3b uroplakin 3B [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Upk3b

**Synonyms**

UPK3B; uroplakin 3B; uroplakin-3b; RGD1309615

**Gene ID**

360790

**mRNA Refseq**

NM\_001398810

**Protein Refseq**

NP\_001385739

**UniProt ID**

D3ZKW6

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