

Recombinant Rat Upk2 Protein, His&GST-tagged

Cat. No. Upk2-537R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Upk2 Protein (Asp26-Thr153) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp26-Thr153
Description	Predicted to be involved in epithelial cell differentiation. Predicted to be located in apical plasma membrane urothelial plaque. Predicted to be active in apical plasma membrane. Orthologous to human UPK2 (uroplakin 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.8 kDa Accurate Molecular Mass: 44 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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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

Upk2 uroplakin 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Upk2

Synonyms

Upk2; uroplakin 2; uroplakin-2

Gene ID

689093

mRNA Refseq

NM_001109523

Protein Refseq

NP_001102993

UniProt ID

D4A0E6

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