

Recombinant Rat Tmem27 protein, His & T7-tagged

Cat. No. Tmem27-1785R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tmem27 aa. (Glu15~Pro141 (Accession # Q9ESG3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu15~Pro141
Description	Collecting duct-specific transmembrane glycoprotein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.3

GENE INFORMATION

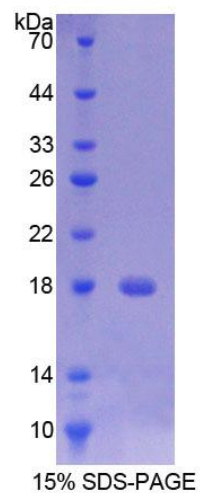
Gene Name	Tmem27 transmembrane protein 27 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Tmem27
Synonyms	Tmem27; transmembrane protein 27; Nx17; NX-17; collectrin; kidney-specific membrane protein
Gene ID	57395
mRNA Refseq	NM_020976.1
Protein Refseq	NP_066125.1
UniProt ID	Q9ESG3

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SDS-PAGE



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