

Recombinant Rat Defa11 Protein, His&GST-tagged

Cat. No. Defa11-1326R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Defa11 Protein (Asp12-Arg85) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp12-Arg85
Description	Predicted to be involved in several processes, including antimicrobial humoral immune response mediated by antimicrobial peptide; innate immune response in mucosa; and response to bacterium. Predicted to be active in extracellular space. Orthologous to human DEFA5 (defensin alpha 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.36 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

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48h, and no obvious degradation and precipitation were observed. The loss rate is 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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Defa11 defensin alpha 11 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Defa11

Synonyms

Defa11; defensin alpha 11; neutrophil defensin 4; alpha-defensin 11

Gene ID

613225

mRNA Refseq

NM_001033078

Protein Refseq

NP_001028250

UniProt ID

Q4JEI3

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