

Recombinant Mouse Defa3 Protein, His-tagged

Cat. No. Defa3-1327M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Defa3 Protein (Glu20-Cys94) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu20-Cys94
Description	Predicted to enable protein homodimerization activity. Acts upstream of or within response to bacterium and response to xenobiotic stimulus. Located in extracellular space. Orthologous to several human genes including DEFA1 (defensin alpha 1); DEFA3 (defensin alpha 3); and DEFA4 (defensin alpha 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.98 kDa Accurate Molecular Mass: 18 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

Defa3 defensin, alpha, 3 [*Mus musculus* (house mouse)]

Official Symbol

Defa3

Synonyms

DEFA3; defensin, alpha, 3; alpha-defensin 3; defensin, alpha, 27; defensin-related cryptdin-3; Defa27; Defcr3; Defcr-3;

Gene ID

13237

mRNA Refseq

NM_007850

Protein Refseq

NP_031876

UniProt ID

P59666

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