

Recombinant Mouse Defa6 Protein, His&GST-tagged

Cat. No. Defa6-1329M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Defa6 Protein (Asp20-Arg93) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp20-Arg93
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 human DEFA3 (defensin alpha 3); DEFA5 (defensin alpha 5); and DEFA6 (defensin alpha 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.4 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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Defa6 defensin, alpha, 6 [*Mus musculus* (house mouse)]

Official Symbol

Defa6

Synonyms

DEFA6; defensin, alpha, 6; alpha-defensin 6/12; cryptdin-2; alpha-defensin, 6; defensin related cryptdin 6; defensin-related cryptdin-6/12; Defa12; Defcr6; Defcr12;

Gene ID

13240

mRNA Refseq

NM_007852

Protein Refseq

NP_031878

UniProt ID

P50704

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