

Recombinant Human DEFB113 Protein, His-tagged

Cat. No. DEFB113-1332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB113 Protein (Ser15-Lys82) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser15-Lys82
Description	Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 9.5 kDa
Purity	> 95%
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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

DEFB113 defensin beta 113 [Homo sapiens (human)]

Official Symbol

DEFB113

Synonyms

DEFB113; defensin beta 113; DEFB-13; beta-defensin 113; beta-defensin 13; defensin, beta 13

Gene ID

245927

mRNA Refseq

NM_001037729

Protein Refseq

NP_001032818

UniProt ID

Q30KQ7

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