

Recombinant Human DEFB112 Protein, His-tagged

Cat. No. DEFB112-1331H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB112 Protein (Met1-His113) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-His113
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: 13 kDa Accurate Molecular Mass: 17 kDa
Purity	> 97%
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

DEFB112 defensin beta 112 [Homo sapiens (human)]

Official Symbol

DEFB112

Synonyms

DEFB112; defensin beta 112; DEFB-12; beta-defensin 112; beta-defensin 12; defensin, beta 12

Gene ID

245915

mRNA Refseq

NM_001369057

Protein Refseq

NP_001355986

UniProt ID

Q30KQ8

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