

Recombinant Human DEFB4A Protein, His-tagged

Cat. No. DEFB4A-1333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB4A Protein (Gly24-Pro64) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly24-Pro64
Description	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.3 kDa Accurate Molecular Mass: 35 kDa
Purity	> 90%
Applications	Cell culture; Activity Assays.
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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

DEFB4A defensin beta 4A [Homo sapiens (human)]

Official Symbol

DEFB4A

Synonyms

DEFB4A; defensin beta 4A; BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102; beta-defensin 4A; beta defensin-2; defensin, beta 2; defensin, beta 4; skin-antimicrobial peptide 1

Gene ID

1673

mRNA Refseq

NM_004942

Protein Refseq

NP_004933

MIM

602215

UniProt ID

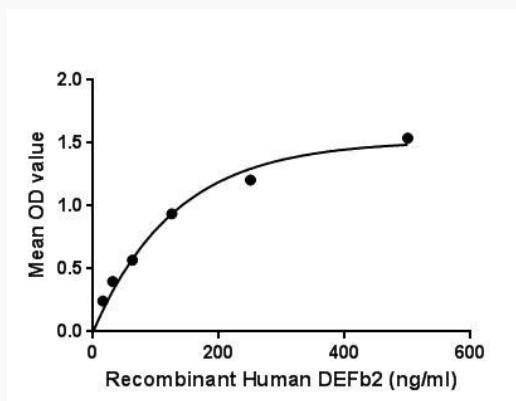
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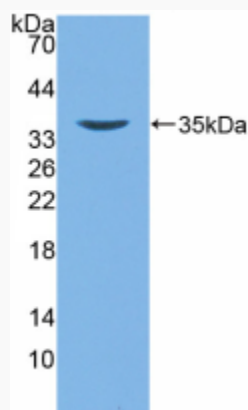
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Bioactivity



The binding activity of DEFb2 with KCNA3.

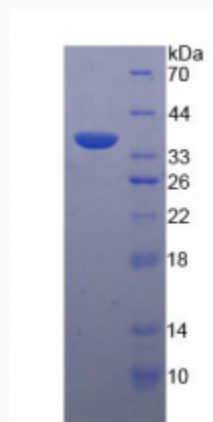
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