Recombinant Human DEFB119 protein, His-tagged

Cat. No. DEFB119-1555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB119 aa. (Lys22~Pro84) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys22~Pro84
Description	This gene encodes a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

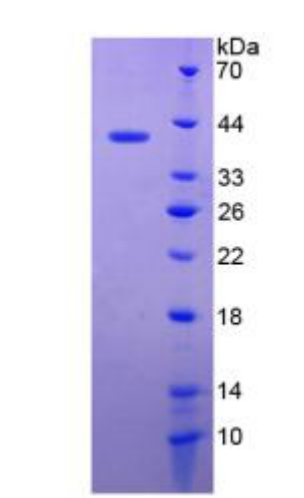
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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.
Isoelectric Point	7.9

GENE INFORMATION

Gene Name	DEFB119 defensin beta 119 [Homo sapiens (human)]
Official Symbol	DEFB119
Synonyms	DEFB119; defensin beta 119; DEFB20; DEFB-19; DEFB-20; DEFB120; ESC42-RELA; ESC42-RELB; beta-defensin 119; defensin, beta 120; defensin, beta 19; defensin, beta 20
Gene ID	245932
mRNA Refseq	NM_001271209.1

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Protein Refseq	NP_001258138.1
UniProt ID	Q8N690
SDS-PAGE	

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