

Recombinant Human defensin, beta 116, His-tagged

Cat. No. DEFB116-298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB116, 24-102aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	24-102 a.a.
Description	DEFB116 belongs to the beta-defensin family. The innate immune system includes antimicrobial peptides that protect multicellular organisms from a diverse spectrum of microorganisms. Beta-Defensins comprise one important family of mammalian antimicrobial peptides. Recombinant human DEFB116 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	11.5 kDa(102aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSGLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT CPNDQKCCLK LSVKITSSKN VKEDYDSNSN LSVTNSSSYS HI
Purity	>80% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name DEFB116 defensin, beta 116 [Homo sapiens]

Official Symbol DEFB116

Synonyms DEFB-16

Gene ID 245930

mRNA Refseq NM_001037731.1

Protein Refseq NP_001032820.1

UniProt ID Q30KQ4

Chromosome Location 20q11.21

Pathway Beta defensins, organism-specific biosystem;Defensins, organism-specific biosystem;Immune System, organism-specific biosystem;Innate Immune System, organism-specific biosystem;

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