# Recombinant Human DEFB127 Protein, Fc-tagged

**Cat. No.** DEFB127-664H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant human DEFB127 (NP_001123244.1) (Met1-Cys63) was expressed with the Fc region of human IgG1 at the C-terminus. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 1-63 a.a. |
| **Predicted N Terminal** | Leu 21 |
| **Form** | Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol. |
| **Molecular Mass** | The recombinant human DEFB127 consists 281 amino acids and predicts a molecular mass of 31.8 kDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Purity** | >90 % as determined by SDS-PAGE. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70ºC. |
| **Storage** | Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | DEFB127 defensin beta 127 [ Homo sapiens ] |
| **Official Symbol** | DEFB127 |
| **Synonyms** | DEF-27; DEFB27; hBD-27; DEFB-27; C20orf73; bA530N10.2; beta defensin 27; beta-defensin 27; defensin, beta 127 |
| **Gene ID** | 140850 |
| **mRNA Refseq** | NM_139074 |
| **Protein Refseq** | NP_620713 |
| **MIM** | |
| **UniProt ID** | Q9H1M4 |
| **Chromosome Location** | 20p13 |
| **Pathway** | Beta defensins, organism-specific biosystem; Defensins, organism-specific biosystem; Immune System, organism-specific biosystem |

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