

Recombinant Human DEFB1 Protein, Fc-tagged

Cat. No. DEFB1-653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DEFB1 (NP_005209.1) (Met1-Lys68) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-68 a.a.
Predicted N Terminal	Gly 22
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human DEFB1 consists 285 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	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. 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°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [DEFB1 defensin, beta 1 \[Homo sapiens \]](#)

Official Symbol [DEFB1](#)

Synonyms DEFB1; defensin, beta 1; beta-defensin 1; BD1; DEFB 1; DEFB101; HBD 1; HBD1; MGC51822; BD-1; beta-defensin-1; DEFB-1;

Gene ID [1672](#)

mRNA Refseq [NM_005218](#)

Protein Refseq [NP_005209](#)

MIM [602056](#)

UniProt ID [P60022](#)

Chromosome Location 8p23.1

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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