Recombinant Human DEFA3 Protein, Fc-tagged

Cat. No. DEFA3-647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DEFA3 (NP_005208.1) (Asp39-Cys94) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	39-94 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human DEFA3 consists 316 amino acids and predicts a molecular mass of 34.8 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 -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

Gene Name	DEFA3 defensin, alpha 3, neutrophil-specific [Homo sapiens]
Official Symbol	DEFA3
Synonyms	DEFA3; defensin, alpha 3, neutrophil-specific; DEF3; neutrophil defensin 3; HNP 3; neutrophil peptide 3; defensin 3, neutrophil-specific; HP3; HNP3; HP-3; HNP-3;
Gene ID	1668
mRNA Refseq	NM_005217
Protein Refseq	NP_005208
MIM	604522
UniProt ID	P59666
Chromosome Location	8p23.1
Pathway	Alpha-defensins, organism-specific biosystem; Defensins, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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