

Human DEFA3/HNP-3 (Fc Tag) recombinant protein



Catalog Number: 503016

General Information

Gene Name Synonym

Defensin, alpha 3; HNP-3; HP 3-56; Neutrophil defensin 2; HNP-2

Protein Construction

A DNA sequence encoding the human DEFA3 (NP_005208.1) (Asp39-Cys94) was expressed with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu

Molecular Mass

The recombinant human DEFA3 consists 316 amino acids and predicts a molecular mass of 34.8 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

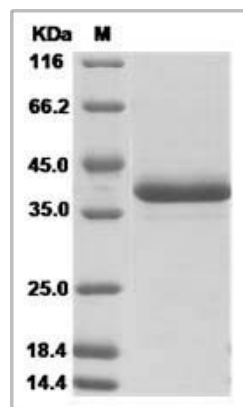
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human DEFA3 Protein (Fc Tag) SDS-PAGE