

Human Defensin / Beta-defensin 3 / DEFB103 (His Tag) recombinant protein



Catalog Number: 500621

General Information

Gene Name Synonym

Beta-defensin 3; Defensin, beta 103; Defensin-like protein

Protein Construction

A DNA sequence encoding the mature form of human DEFB103A (P81534) (Gly 23-Lys 67) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 99 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant human DEFB103A consists of 61 amino acids and predicts a molecular mass of 7.3 KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 0.3% Ttiton X-100, 0.3% SKL, pH 8.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

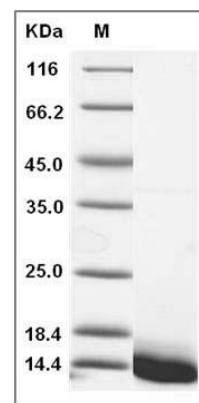
Storage

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 Defensin / Beta-defensin 3 / DEFB103 Protein (His Tag) SDS-PAGE