

Human BD 3 Recombinant Protein



RPPB0073

Product Information Protein Information

Product SKU:

RPPB0073

Accession:

P81534

Host:

Escherichia Coli.

Protein description:

Beta Defensin-3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 45 amino acids and having a molecular mass of 5161.2 Dalton. The BD-3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

HBD3, HBP3, DEFB3, HBD-3, HBP-3, DEFB103.

Formulation:

The HBD-3 was lyophilized without additives.

Purity:

Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Beta Defensin-3 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Beta Defensin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BD-3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

GIINTLQKYY CRVRGGRC AV LSCLPK EEQI GK CSTRGRKC CRRKK.