

Human BD5 Recombinant Protein



RPPB0078

Product Information Protein Information

Product SKU:

RPPB0078

Accession:

Q8NG35

Host:

Escherichia Coli.

Protein description:

BD5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 51 amino acids and having a molecular mass of 5.8 kDa. The Beta Defensin-5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Beta-defensin 105, eta-defensin 5, BD-5, DEFB-5, Defensin, beta 105, DEFB105A, BD5, DEFB105, DEFB5, DEFB105B.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

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-5 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Beta Defensin-5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BD5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

GLDFSQPFPS GFAVCSCK LGRGKCRKEC LENEKPDGNC RLNFLCCRQR I.