

Mouse BD 2 Recombinant Protein



RPPB0072

Product Information Protein Information

Product SKU:

RPPB0072

Accession:

O15263

Host:

Escherichia Coli.

Protein description:

Beta Defensin-2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 51 amino acids and having a molecular mass of 5.5kDa. The BD-2 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Beta-defensin 2, BD-2, mBD-2, Defensin beta 2, Defb2, MGC129140, MGC129141.

Formulation:

The Mouse BD-2 was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Beta Defensin-2 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Beta Defensin-2 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BD-2 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:

AVGSLKISIGY EAELDHCHTN GGYCVRAICP PSARRPGSCF PEKNPCKYM K.

Biological Activity:

Determined by the ability to chemoattract immature human dendritic cells at a concentration of 10-100ng/ml.