

Mouse BD 1 Recombinant Protein



RPPB0069

Product Information Protein Information

Product SKU:

RPPB0069

Accession:

P56386

Host:

Escherichia Coli.

Protein description:

BD 1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 37 amino acids and having a molecular mass of 4.1 KDa.The BD 1 Mouse is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Beta-defensin 1, BD-1, Defensin beta 1, hBD-1, HBD1, HBP1, DEFB1, HBD-1, HBP-1, DEFB101, DEFB-1, MGC51822.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Mouse BD-1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Mouse BD 1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BD 1 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:

DQYKCLQHGG FCLRSSCP SN TKLQGTCKPD KPNCKKS.

Biological Activity:

Measured by its ability to chemoattract CD34+ dendritic cells using a concentration range of 0.1-1.0 ug/ml, corresponding to a specific activity of 1,000-10,000units/mg.