

Beta Defensin -3 Active Protein | mBD 3 active protein

Recombinant Mouse Beta Defensin -3

CATALOG # AAA38981	HOST E Coli
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PRODUCT SYNONYMS

Beta Defensin -3; Recombinant Mouse Beta Defensin -3; BD 3 Mouse; Beta Defensin-3 Mouse Recombinant; Beta-defensin 3; BD-3; mBD-3; Defensin beta 3; Defb3; Bd3; MGC129397; mBD 3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The Mouse BD-3 was lyophilized from a 0.2 um filtered concentrated solution in PBS, pH7.4. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	KKINNPVSCL RKGGRWCWNR IGNTREQISC GVPFLKCKKR K
Sequence Length	63
Solubility	It is recommended to reconstitute the lyophilized Beta Defensin-3 in sterile 18M ² -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Measured by its antimicrobial activity against E. coli. The ED ₅₀ for this effect is typically 4-20 ug/ml, corresponding to a specific activity of 50,000-250,000units/mg.
Preparation and Storage	Lyophilized Beta Defensin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution BD-3 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mBD 3 active protein	Description: Beta Defensin-3 Mouse Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 41 amino acids and having a molecular mass of 4.6kDa. The BD-3 is purified by proprietary chromatographic techniques.
Product Categories/Family for mBD 3 active protein	Cytokines and Growth Factors ; Cytokines ; Beta Defensin

NCBI AND UNIPROT INFORMATION

NCBI GI #	7304997
NCBI GeneID	27358
NCBI Accession #	NP_038784.1
NCBI GenBank Nucleotide #	NM_013756.2
UniProt Accession #	Q9WTL0; Q29R78
NCBI Official Full Name	beta-defensin 3

NCBI Official Synonym Full Names	defensin beta 3
NCBI Official Symbol	Defb3
NCBI Official Synonym Symbols	BD-3
NCBI Protein Information	beta-defensin 3
UniProt Protein Name	Beta-defensin 3
UniProt Gene Name	Defb3
UniProt Synonym Gene Names	Bd3; BD-3; mBD-3
UniProt Entry Name	DEFB3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-mbd-3-active-protein/beta-defensin-3/38981>