

Beta Defensin-14 Recombinant Protein | BD14 recombinant protein

Recombinant Mouse Beta Defensin-14

CATALOG #
AAA39135HOST
E. coli

PRODUCT SYNONYMS

Beta Defensin-14; Recombinant Mouse Beta Defensin-14; Beta-defensin 14; BD-14; mBD-14; Defensin; beta 14; Defb14.; BD14 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	Greater than 96.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	BD-14 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.
Sequence	FLPKTLRKFF CRIRGGRCV LNCLGKEEQI GRCSNSGRKC CRKKK.
Sequence Length	67
Physical Appearance	Sterile filtered white lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized IHH in sterile 18M ² -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized BD14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BD-14 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.

ADDITIONAL INFORMATION

Related Product Information for BD14 recombinant protein	Beta Defensin-14 Mouse Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing 45 amino acids and having a molecular mass of 5.2kDa. The BD14 is purified by proprietary chromatographic techniques.
Product Categories/Family for BD14 recombinant protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	33942110
NCBI GeneID	244332
NCBI Accession #	NP_898847.1
NCBI GenBank Nucleotide #	NM_183026.2
UniProt Accession #	Q7TNV9 ; Q14BD1
NCBI Official Full Name	beta-defensin 14
NCBI Official Synonym Full Names	defensin beta 14
NCBI Official Symbol	Defb14

NCBI Official Synonym Symbols	BD-14
NCBI Protein Information	beta-defensin 14
UniProt Protein Name	Beta-defensin 14
UniProt Gene Name	Defb14
UniProt Synonym Gene Names	BD-14; mBD-14

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/defb14-recombinant-protein-e-coli/39135>