

Recombinant Mouse Defb14 protein

Cat. No. Defb14-68M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Defb14 protein(Q7TNV9)(23-67 aa) was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	23-67 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 5.2 kDa, a single non-glycosylated polypeptide chain containing 45 amino acid residues.
AASequence	FLPKTLRKFF CRIRGGRCV LNCLGKEEQI GRCSNSGRKC CRKKK
Endotoxin	Less than 0.1 EU/µg of rMuBD-14 as determined by LAL method.
Purity	>96% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

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contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

SDS-PAGE