

Recombinant Human DEFB105A protein

Cat. No. DEFB105A-7377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB105A protein(Q8NG35)(28-78 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	28-78 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 5.8 kDa, a single non-glycosylated polypeptide chain containing 51 amino acids.
AASequence	GLDFSQPFPS GEFAVCESCK LGRGKCRKEC LENEKPDGNC RLNFLCCRQR I
Endotoxin	Less than 1.0 EU/g of rHuBD-5 as determined by LAL method.
Purity	>95% 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.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the 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 $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	DEFB105A defensin, beta 105A [Homo sapiens]
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Official Symbol	DEFB105A
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Synonyms	BD-5; DEFB-5; DEFB105
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Gene ID	245908
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mRNA Refseq	NM_152250
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Protein Refseq	NP_689463
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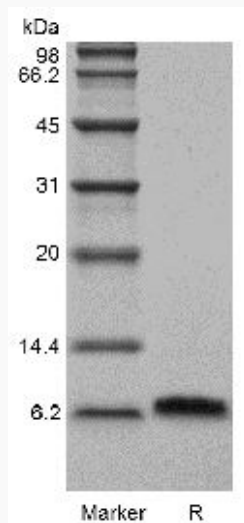
UniProt ID	Q8NG35
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SDS-PAGE



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