

## Recombinant Human DEFB121 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DEFB121-658H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DEFB121 MS Standard C13 and N15-labeled recombinant protein (NP_001011878) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. Two transcript variants encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 8.5 kDa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MKLLLLLLTVTLLLAQVTPVMKCGKSGRCRTTCKESEVYYILCKTEAKCCVDPKYV<br>PVKPKLTDNTSLESTSAVTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                 |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                 |

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**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** DEFB121 defensin beta 121 [ Homo sapiens (human) ]

**Official Symbol** DEFB121

**Synonyms** DEFB121; defensin beta 121; DEFB21; ESC42RELC; beta-defensin 121; beta-defensin 21; defensin, beta 21; epididymis secretory sperm binding protein

**Gene ID** 245934

**mRNA Refseq** NM\_001011878

**Protein Refseq** NP\_001011878

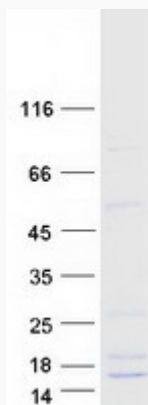
**MIM** 616075

**UniProt ID** Q5J5C9

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**SDS-PAGE**

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