

## Recombinant Human DEFB121 Protein, MYC/DDK-tagged

Cat. No. DEFB121-439H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human DEFB121 fused with MYC/DDK tag at C-terminal was expressed in HEK293.                                                                                                                                                                                                                                                                                     |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                       |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                      |
| Description      | 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. |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                       |
| Molecular Mass   | 8.3 kDa                                                                                                                                                                                                                                                                                                                                                                     |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                 |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                            |

### GENE INFORMATION

|           |                                             |
|-----------|---------------------------------------------|
| Gene Name | DEFB121 defensin, beta 121 [ Homo sapiens ] |
|-----------|---------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                 |                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------|
| Official Symbol | DEFB121                                                                                                               |
| Synonyms        | ESC42RELC                                                                                                             |
| Gene ID         | 245934                                                                                                                |
| mRNA Refseq     | NM_001011878                                                                                                          |
| Protein Refseq  | <a href="https://www.ncbi.nlm.nih.gov/protein/NP_001011878.1">https://www.ncbi.nlm.nih.gov/protein/NP_001011878.1</a> |
| UniProt ID      | Q5J5C9                                                                                                                |

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