

## Recombinant Human DEFB131A Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DEFB131A-5557H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DEFB131 MS Standard C13 and N15-labeled recombinant protein (NP_001035538) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 4p16. |
| <b>Molecular Mass</b>   | 8 kDa                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MRVLFFVFGVLSLMFTVPPGRSFISNDECPSEYYHCRLKCNADHAIRYCADFSICC<br>KLKIIIEIDGQKKWTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                          |
| <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** DEFB131A defensin beta 131A [ Homo sapiens (human) ]

**Official Symbol** DEFB131A

**Synonyms** DEFB131A; defensin beta 131A; DEFB-31; DEFB131; beta-defensin 131A; beta-defensin 131; beta-defensin 31; defensin beta 131; defensin, beta 31

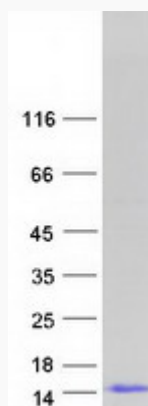
**Gene ID** 644414

**mRNA Refseq** NM\_001040448

**Protein Refseq** NP\_001035538

**UniProt ID** P59861

## SDS-PAGE



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