

Datasheet for ABIN2719364

**DEFB118 Protein (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 20 µg   |
| Target:                       | DEFB118   |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells   |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This DEFB118 protein is labelled with Myc-DYKDDDDK Tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)               |

## Product Details

|                  |   |
|------------------|---|
| Characteristics: | <ul style="list-style-type: none"><li>• Recombinant human Defensin, beta 118 (DEFB118) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul> |
| Purity:          | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |

## Target Details

|             |  |
|-------------|--|
| Target:     | DEFB118  |
| Abstract:   | <a href="#">DEFB118 Products</a>   |
| Background: | 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. Expression of this gene is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity against E. coli. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. |

## Target Details

|                   |                           |
|-------------------|---------------------------|
| Molecular Weight: | 13.4 kDa                  |
| NCBI Accession:   | <a href="#">NP_473453</a> |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
|--------------------|--|

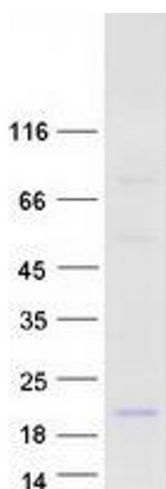
|          |                                       |
|----------|---------------------------------------|
| Comment: | The tag is located at the C-terminal. |
|----------|---------------------------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |   |
|------------------|---|
| Concentration:   | 50 µg/mL  |
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| Storage:         | -80 °C  |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images



### Western Blotting

**Image 1.** Validation with Western Blot