

Datasheet for ABIN2719361

**Defensin beta 6 (DEFB6) protein (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	20 µg
Target:	Defensin beta 6 (DEFB6)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	Myc-DYKDDDDK Tag
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Defensin beta 6 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:	Defensin beta 6 (DEFB6)
Alternative Name:	Defensin beta 6 ( <a href="#">DEFB6 Products</a> )

Background:	Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin,
-------------	--

## Target Details

beta 106, DEFB106A and DEFB106B, in head-to-head orientation. This gene, DEFB106A, represents the more centromeric copy.

Molecular Weight: 5 kDa

NCBI Accession: [NP\\_689464](#)

## Application Details

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

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

Restrictions: For Research Use only

## Handling

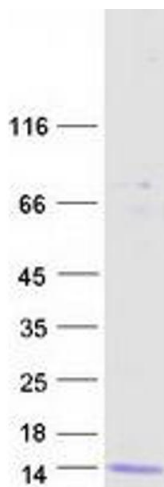
Concentration: 50 µg/mL

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