

[Go to Product page](#)

Datasheet for ABIN7319216 **DEFB104A Protein**

Overview

| | |
|---------------|----------------------------|
| Quantity: | 50 µg |
| Target: | DEFB104A |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Human DEFB104A Protein |
| Sequence: | Glu23-Pro72 |
| Characteristics: | Recombinant Human beta-Defensin 4 is produced by our E.coli expression system and the target gene encoding Glu23-Pro72 is expressed. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | DEFB104A |
| Alternative Name: | DEFB104A (DEFB104A Products) |
| Background: | Background: Defensins are cationic peptides. It is an important ingredient of the innate immune system. β-defensins are expressed on some leukocytes and epithelial surfaces. Four human β-Defensins have been identified to date: BD-1, BD-2, BD-3 and BD-4. β-defensins contain a six-cysteine motif, they forms three intra-molecular disulfide bonds. β-defensins are also |

Target Details

chemoattractant towards immature dendritic cells and memory T cells. The β -defensin proteins are expressed as the C-terminal portion of precursors, they are released by proteolytic cleavage of a signal sequence.

Synonym: Beta-Defensin 104, Beta-Defensin 4, BD-4, DEFB-4, hBD-4, Defensin Beta 104, DEFB104A, DEFB104, DEFB4, DEFB104B

Molecular Weight: 6.0 kDa

UniProt: [Q8WTQ1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 130 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.