Datasheet for ABIN7394699

# alpha Defensin 1 Protein (AA 20-94) (His tag)

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | alpha Defensin 1 (DEFA1) |
| Protein Characteristics: | AA 20-94 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This alpha Defensin 1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC) |

## Product Details

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|---|---|
| Sequence: | Glu20-Cys94 |
| Characteristics: | Recombinant Defensin Alpha 1, Neutrophil (DEFa1), Prokaryotic expression, Glu20-Cys94, N-terminal His Tag |
| Purity: | > 90 % |

## Target Details

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|---|---|
| Target: | alpha Defensin 1 (DEFA1) |
| Alternative Name: | Defensin Alpha 1, Neutrophil (DEFA1 Products) |
| Background: | DEF1, DEFA2, HNP-1, HP-1, MRS, DEF3, HNP-3, HNP3, HP-3, Defensin,Alpha 1, Myeloid-Related Sequence |

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## Target Details

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|---|---|
| Molecular Weight: | 16kDa |
| UniProt: | P59665 |
| Pathways: | Cellular Response to Molecule of Bacterial Origin |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Isoelectric Point:6.4 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Lyophilized |
| Buffer: | 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-80 °C |
| Storage Comment: | Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Expiry Date: | 12 months |

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