

## Recombinant Human DEFA3 protein, His-SUMO-tagged

Cat. No. DEFA3-2813H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human DEFA3 protein(P59666)(39-94aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 39-94aa   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 22.4 kDa  |
| <b>AA Sequence</b>      | DIPEVVVSLAWDESLAPKHPGSRKNMDCYCRIPACIAGERRYGTTCIYQGRLWAFCC   |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for   |

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long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | DEFA3 defensin, alpha 3, neutrophil-specific [ Homo sapiens ]   |
| <b>Official Symbol</b> | DEFA3   |
| <b>Synonyms</b>        | DEFA3; defensin, alpha 3, neutrophil-specific; DEF3; neutrophil defensin 3; HNP 3; neutrophil peptide 3; defensin 3, neutrophil-specific; HP3; HNP3; HP-3; HNP-3; |
| <b>Gene ID</b>         | 1668  |
| <b>mRNA Refseq</b>     | NM_005217   |
| <b>Protein Refseq</b>  | NP_005208   |
| <b>MIM</b>             | 604522  |
| <b>UniProt ID</b>      | P59666  |

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