

## Recombinant Human DEFA3 Protein (39-94 aa), His-tagged

Cat. No. DEFA3-2596H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DEFA3 Protein (39-94 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	39-94 aa
<b>Description</b>	Defensin 2 and defensin 3 have antibiotic, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	8.4 kDa
<b>AA Sequence</b>	DIPEVVVSLAWDESLAPKHPGSRKNMDCYCRIPACIAGERRYGTCTIYQGRLWAFCC
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** DEFA3 defensin, alpha 3, neutrophil-specific [ Homo sapiens ]

**Official Symbol** DEFA3

**Synonyms** DEFA3; DEF3; neutrophil defensin 3; HNP 3; neutrophil peptide 3; HP3; HNP3; HP-3; HNP-3;

**Gene ID** 1668

**mRNA Refseq** NM\_005217

**Protein Refseq** NP\_005208

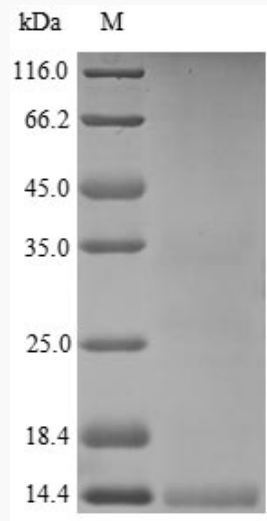
**MIM** 604522

**UniProt ID** P59666

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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