

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Yeast
ProteinLength	39-94 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	8.4 kDa
AA Sequence	DIPEVVVSLAWDESLAPKHPGSRKNMDCYCRIPACIAGERRYGTCTIYQGRLWAFCC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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

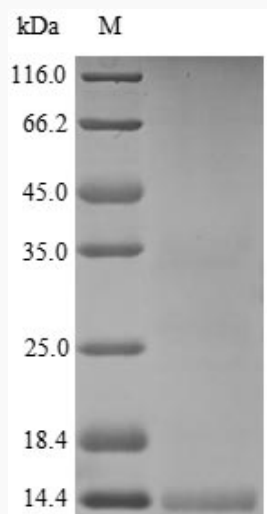
MIM 604522

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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