

Recombinant Human DEFA1 Protein (Glu20-Cys94), His tagged

Cat. No. DEFA1-1939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DEFA1 (Glu20-Cys94) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu20-Cys94
Description	Defensin 1 and defensin 2 have antibacterial, 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	Lyophilized powder/frozen liquid
Molecular Mass	9.87 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	DEFA1 defensin, alpha 1 [Homo sapiens (human)]
Official Symbol	DEFA1
Synonyms	DEFA1; defensin, alpha 1; DEF1, DEFA2, defensin, alpha 1, myeloid related sequence, defensin, alpha 2, MRS; neutrophil defensin 1; HNP 1; defensin, alpha 2; myeloid-related sequence; defensin, alpha 1, myeloid-related sequence; HP1; MRS; DEF1; HP-1; DEFA2; HNP-1; DEFA1B; MGC138393;
Gene ID	1667
mRNA Refseq	NM_004084
Protein Refseq	NP_004075
MIM	125220
UniProt ID	P59665

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