

## Recombinant Human DEFA1 protein, GST-tagged

Cat. No. DEFA1-2811H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DEFA1 protein(P59665)(1-94aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-94aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. 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>	37.2 kDa
<b>AA Sequence</b>	DIPEVVVSLAWDESLAPKHPGSRKNMACYCRIPACIAGERRYGTCTIYQGRLWAFCC
<b>Purity</b>	Greater than 90% 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>	DEFA1 defensin, alpha 1 [ Homo sapiens ]
<b>Official Symbol</b>	DEFA1
<b>Synonyms</b>	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;
<b>Gene ID</b>	1667
<b>mRNA Refseq</b>	NM_004084
<b>Protein Refseq</b>	NP_004075
<b>MIM</b>	125220
<b>UniProt ID</b>	P59665

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