Recombinant Human DEFA1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DEFA1 protein(P59665)(1-94aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-94aa
Form	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.
Molecular Mass	37.2 kDa
AA Sequence	DIPEVVVSLAWDESLAPKHPGSRKNMACYCRIPACIAGERRYGTCIYQGRLWAFCC
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

Gene Name	DEFA1 defensin, alpha 1 [Homo sapiens]
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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