

Recombinant Human DEFA1 Protein, MYC/DDK-tagged

Cat. No. DEFA1-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFA1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. The protein encoded by this gene, defensin, alpha 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. Several alpha defensin genes are clustered on chromosome 8. This gene differs from defensin, alpha 3 by only one amino acid. This gene and the gene encoding defensin, alpha 3 are both subject to copy number variation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	10 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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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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