

Recombinant Human DEFA6 Protein, MYC/DDK-tagged

Cat. No. DEFA6-451H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFA6 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. Several alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 6, is highly expressed in the secretory granules of Paneth cells of the small intestine, and likely plays a role in host defense of human bowel.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	8.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	DEFA6 defensin, alpha 6, Paneth cell-specific [Homo sapiens]
Official Symbol	DEFA6
Synonyms	DEFA6; defensin, alpha 6, Paneth cell-specific; defensin-6; DEF6; HD 6; defensin 6; HD-6;
Gene ID	1671
mRNA Refseq	NM_001926
Protein Refseq	NP_001917
MIM	600471
UniProt ID	Q01524

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