

Recombinant Full Length Human DEFA6 Protein

Cat. No. DEFA6-122HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DEFA6 , with N terminal proprietary tag; Predicted MW 37.07kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	100 amino acids
Description	Defensins are a family of microbicidal 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	Liquid
Molecular Mass	37.070kDa inclusive of tags
AA Sequence	MRTLILTAVLLVALQAKAEPLQAEDDPLQAKAYEADAQEQRGANDQDFAVSFAEDA SSSLRALGSTRAFTCHCRRSCYSTEYSYGTCTVMGINHRFCCL

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

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; HD6
Gene ID	1671
mRNA Refseq	NM_001926
Protein Refseq	NP_001917
MIM	600471
UniProt ID	Q01524

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