Recombinant Full Length Human DEFA6 Protein, GST-tagged

Cat. No. DEFA6-2429HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DEFA6 full-length ORF (NP_001917.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	100 amino acids
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. [provided by RefSeq, Oct 2014]
Molecular Mass	37.4 kDa
AA Sequence	MRTLTILTAVLLVALQAKAEPLQAEDDPLQAKAYEADAQEQRGANDQDFAVSFAEDA SSSLRALGSTRAFTCHCRRSCYSTEYSYGTCTVMGINHRFCCL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; 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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