

Recombinant Full Length Human DEFA5 Protein, C-Flag-tagged

Cat. No. DEFA5-551HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DEFA5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 of the alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 5, is highly expressed in the secretory granules of Paneth cells of the ileum.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	8.1 kDa
AA Sequence	MRTIAILAAILLVALQAQAESLQERADEATTQKQSGEDNQDLAISFAGNGLSALRTSG SQARATCYCRTGRCATRESLSGVCEISGRLYRLCCRTRTRPLEQKLISEEDLAANDIL DYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	DEFA5 defensin alpha 5 [Homo sapiens (human)]
Official Symbol	DEFA5
Synonyms	DEF5; HD-5
Gene ID	1670
mRNA Refseq	NM_021010.3
Protein Refseq	NP_066290.1
MIM	600472

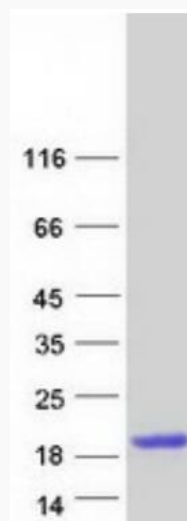
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UniProt ID

Q01523



Coomassie blue staining of purified DEFA5 protein.

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