

Recombinant Human DEFB106A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEFB106A-3898H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB106A MS Standard C13 and N15-labeled recombinant protein (NP_689464) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin, beta 106, DEFB106A and DEFB106B, in head-to-head orientation. This gene, DEFB106A, represents the more centromeric copy.
Molecular Mass	7.4 kDa
AA Sequence	MRTFLFLFAVLFFLTPAKNAFFDEKCNKLGKTCKNNCGKNEELIALCQKSLKCCRTIQ PCGSIIDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DEFB106A defensin beta 106A [Homo sapiens (human)]

Official Symbol DEFB106A

Synonyms DEFB106A; defensin, beta 106A; DEFB106, defensin, beta 106; beta-defensin 106; DEFB 6; beta-defensin 6; defensin, beta 6; BD-6; DEFB-6; DEFB106; MGC118938; MGC118939; MGC118940; MGC118941; MGC133011; MGC133012;

Gene ID 245909

mRNA Refseq NM_152251

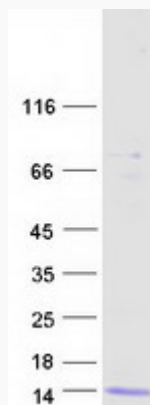
Protein Refseq NP_689464

UniProt ID Q8N104

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SDS-PAGE

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