

## Product datasheet for TP319477

### DEFB106A (NM\_152251) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human defensin, beta 106A (DEFB106A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219477 protein sequence Red=Cloning site Green=Tags(s)
	MRTFLFLFAVLFFLTPAKNAFFDEKCNKLGTKNNCGKNEELIALCQSLKCCRTIQPCGSIID
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_689464</a>
Locus ID:	245909
UniProt ID:	<a href="#">Q8N104</a>
RefSeq Size:	325
Cytogenetics:	8p23.1



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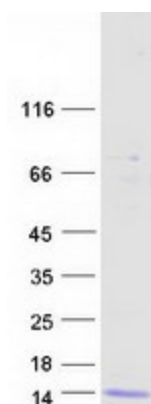
RefSeq ORF: 195

Synonyms: BD-6; DEFB-6; DEFB106

**Summary:** 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. [provided by RefSeq, Oct 2014]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified DEFB106A protein (Cat# TP319477). The protein was produced from HEK293T cells transfected with DEFB106A cDNA clone (Cat# [RC219477]) using MegaTran 2.0 (Cat# [TT210002]).