OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP701084

DEFB106B (NM_001040704) Human Recombinant Protein

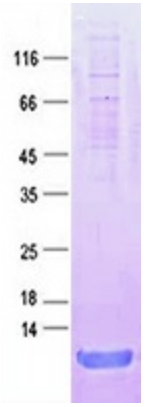
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human defensin, beta 106B (DEFB106B), Phe21-end, with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC221175, encoding the region Phe21-end of DEFB106B
Tag:	C-HIS
Predicted MW:	6.4kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
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:	NP_001035794
Locus ID:	503841
UniProt ID:	Q8N104
RefSeq Size:	303
Cytogenetics:	8p23.1
RefSeq ORF:	195
Synonyms:	BD-6; DEFB-6

View online »

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, DEFB106B, represents the more telomeric copy. [provided by RefSeq, Oct 2014]

Product images:



Purified recombinant protein DEFB106B was analyzed by SDS-PAGE gel and Coomossie Blue Staining.