

Product datasheet for PH319477

DEFB106A (NM_152251) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEFB106A MS Standard C13 and N15-labeled recombinant protein (NP_689464)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219477
Predicted MW:	7.4 kDa
Protein Sequence:	>RC219477 protein sequence Red=Cloning site Green=Tags(s) MRTFLFLFAVLFFLTPAKNAFFDEKCNKLGKTCKNCGKNEELIALCQKSLKCCRTIQPCGSIID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_689464
RefSeq Size:	325
RefSeq ORF:	195
Synonyms:	BD-6; DEFB-6; DEFB106
Locus ID:	245909
UniProt ID:	Q8N104
Cytogenetics:	8p23.1



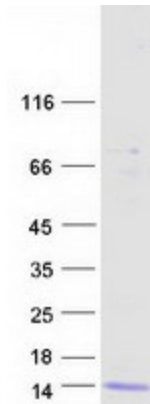
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Summary:

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]).