

## Product datasheet for PH321032

### DEFB108B (NM\_001002035) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DEFB108B MS Standard C13 and N15-labeled recombinant protein (NP_001002035)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221032
Predicted MW:	8.1 kDa
Protein Sequence:	>RC221032 representing NM_001002035 Red=Cloning site Green=Tags(s)  MRIAVLLFAIFFMSQVLPARGKFKEICERPNGSCRDFCLETEIHVGRCLNSQPCCLPLGHQPRIESTTP KKD  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:	<a href="#">NP_001002035</a>
RefSeq Size:	222
RefSeq ORF:	219
Synonyms:	DEFB-8; hBD-8
Locus ID:	245911
UniProt ID:	<a href="#">Q8NET1</a>
Cytogenetics:	11q13.4



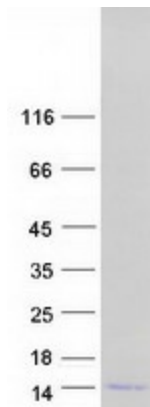
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**Summary:**

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. A pseudogene of this gene has been found on chromosome 8. [provided by RefSeq, Oct 2014]

**Protein Families:**

Secreted Protein

**Product images:**

Coomassie blue staining of purified DEFB108B protein (Cat# [TP321032]). The protein was produced from HEK293T cells transfected with DEFB108B cDNA clone (Cat# [RC221032]) using MegaTran 2.0 (Cat# [TT210002]).