Product datasheet for PH316173

DEFB121 (NM_001011878) Human Mass Spec Standard

Product data:

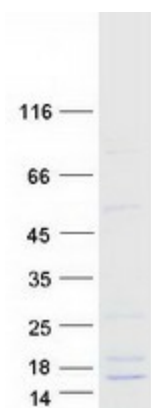|	
Product Type:	Mass Spec Standards
Description:	DEFB121 MS Standard C13 and N15-labeled recombinant protein (NP_001011878)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216173
Predicted MW:	8.5 kDa
Protein Sequence:	>RC216173 protein sequence Red=Cloning site Green=Tags(s) MKLLLLLLTVTLLLAQVTPVMKCWGKSGRCRTTCKESEVYYILCKTEAKCCVDPKYVPVKPKLTDTNTSL ESTSAV 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_001011878
RefSeq Size:	418
RefSeq ORF:	228
Synonyms:	DEFB21; ESC42RELC
Locus ID:	245934
UniProt ID:	Q5J5C9, A0A384MDM0
Cytogenetics:	20q11.21

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Summary: This gene encodes a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014]

Protein Families: Secreted Protein

Product images:

Coomassie blue staining of purified DEFB121 protein (Cat# [TP316173]). The protein was produced from HEK293T cells transfected with DEFB121 cDNA clone (Cat# [RC216173]) using MegaTran 2.0 (Cat# [TT210002]).