

Product datasheet for PH317724

DEFB124 (NM_001037500) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEFB124 MS Standard C13 and N15-labeled recombinant protein (NP_001032589)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217724
Predicted MW:	7.9 kDa
Protein Sequence:	>RC217724 representing NM_001037500 Red=Cloning site Green=Tags(s) MTQLLLFLVALLVLGHVPSGRSEFKRCWKQGACQTYCTRQETYMHLCPDASLCCLSYALKPPPVPKHEY E 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_001032589
RefSeq Size:	216
RefSeq ORF:	213
Synonyms:	DEFB-24
Locus ID:	245937
UniProt ID:	Q8NES8
Cytogenetics:	20q11.21



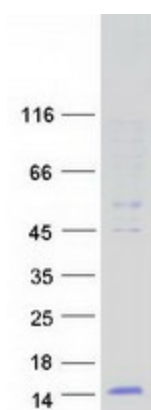
[View online »](#)

Summary:

Defensins are cysteine-rich cationic polypeptides that are important in the host immunologic response to invading microorganisms. This antimicrobial protein is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 20q11.1. The encoded protein may serve to enhance innate immunity in the prostate. [provided by RefSeq, Nov 2014]

Protein Families:

Secreted Protein

Product images:

Coomassie blue staining of purified DEFB124 protein (Cat# [TP317724]). The protein was produced from HEK293T cells transfected with DEFB124 cDNA clone (Cat# [RC217724]) using MegaTran 2.0 (Cat# [TT210002]).