

Product datasheet for PH316994

DEFB113 (NM_001037729) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEFB113 MS Standard C13 and N15-labeled recombinant protein (NP_001032818)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216994
Predicted MW:	9.5 kDa
Protein Sequence:	>RC216994 representing NM_001037729 Red =Cloning site Green =Tags(s) MKILCIFLTFVFTVSCGPSVPQKKTREVAERKRECQLVRGACKPECNSWEYVYYYYCNVNPCCAVWEYQKP IINKITSKLHQK TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_001032818
RefSeq Size:	249
RefSeq ORF:	246
Synonyms:	DEFB-13
Locus ID:	245927
UniProt ID:	Q30KQ7
Cytogenetics:	6p12.3

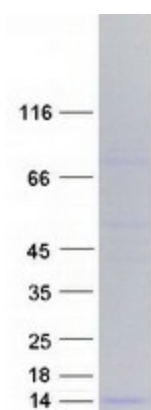


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Summary: Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. [provided by RefSeq, Oct 2014]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DEFB113 protein (Cat# [TP316994]). The protein was produced from HEK293T cells transfected with DEFB113 cDNA clone (Cat# [RC216994]) using MegaTran 2.0 (Cat# [TT210002]).