

Product datasheet for PH318014

DEFB131A (NM_001040448) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEFB131 MS Standard C13 and N15-labeled recombinant protein (NP_001035538)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218014
Predicted MW:	8 kDa
Protein Sequence:	>RC218014 representing NM_001040448 Red=Cloning site Green=Tags(s) MRVLFVFGVLSLMFTVPPGRSFLSNDECPSEYHCRCLKNADEHAIRYCADFSICCKLKIIEIDGQKKW 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_001035538
RefSeq Size:	213
RefSeq ORF:	210
Synonyms:	DEFB-31; DEFB131
Locus ID:	644414
UniProt ID:	P59861
Cytogenetics:	4p16.1

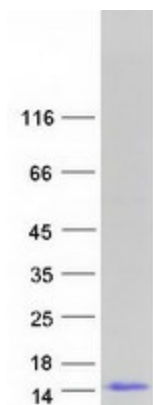


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Summary: Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 4p16. [provided by RefSeq, Nov 2014]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DEFB131A protein (Cat# [TP318014]). The protein was produced from HEK293T cells transfected with DEFB131A cDNA clone (Cat# [RC218014]) using MegaTran 2.0 (Cat# [TT210002]).