Recombinant Human DEFB113 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEFB113-5939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB113 MS Standard C13 and N15-labeled recombinant protein (NP_001032818) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	9.5 kDa
AA Sequence	MKILCIFLTFVFTVSCGPSVPQKKTREVAERKRECQLVRGACKPECNSWEYVYYYC NVNPCCAVWEYQKPIINKITSKLHQKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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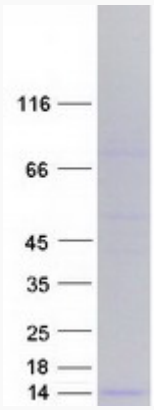
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DEFB113 defensin beta 113 [Homo sapiens (human)]
Official Symbol	DEFB113
Synonyms	DEFB113; defensin beta 113; DEFB-13; beta-defensin 113; beta-defensin 13; defensin, beta 13
Gene ID	245927
mRNA Refseq	NM_001037729
Protein Refseq	NP_001032818
UniProt ID	Q30KQ7
SDS-PAGE	

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