

Recombinant Human DEFB121 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEFB121-658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB121 MS Standard C13 and N15-labeled recombinant protein (NP_001011878) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	8.5 kDa
AA Sequence	MKLLLLLLTVTLLLAQVTPVMKCGKSGRCRTTCKESEVYYILCKTEAKCCVDPKYV PVKPKLTDNTSLESTSAVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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 DEFB121 defensin beta 121 [Homo sapiens (human)]

Official Symbol DEFB121

Synonyms DEFB121; defensin beta 121; DEFB21; ESC42RELC; beta-defensin 121; beta-defensin 21; defensin, beta 21; epididymis secretory sperm binding protein

Gene ID 245934

mRNA Refseq NM_001011878

Protein Refseq NP_001011878

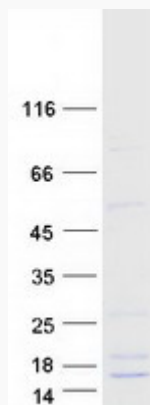
MIM 616075

UniProt ID Q5J5C9

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SDS-PAGE

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