

Recombinant Human DEFB118 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEFB118-6030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB118 MS Standard C13 and N15-labeled recombinant protein (NP_473453) 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. Expression of this gene is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity against E. coli. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20.
Molecular Mass	13.6 kDa
AA Sequence	MKLLLLALPMLVLLPQVIPAYSGEKKCWNRSGHCRKQCKDGEAVKDTCKNLRACCI PSNEDHRRVPATSPPLSDSTPGIIDDILTVRFTTDYFEVSSKKDMVEESEAGRGTET SLPNVHHSSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

 Tel: 1-631-559-9269 1-516-512-3133

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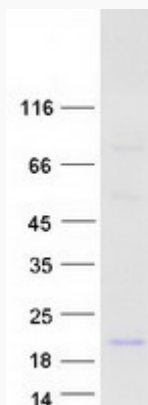
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	DEFB118 defensin beta 118 [Homo sapiens (human)]
Official Symbol	DEFB118
Synonyms	DEFB118; defensin, beta 118; ESC42; DEFB-18; ESP13.6; C20orf63; beta-defensin 118; defensin, beta 18; epididymal secretory protein 13.6; epididymis secretory sperm binding protein; epididymus specific clone 42
Gene ID	117285
mRNA Refseq	NM_054112
Protein Refseq	NP_473453
MIM	607650
UniProt ID	Q96PH6

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SDS-PAGE

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