

Product datasheet for **TP321558**

DEFB118 (NM_054112) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human defensin, beta 118 (DEFB118), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221558 protein sequence Red =Cloning site Green =Tags(s)
	MKLLLLALPMLVLLPQVIPAYSGEKKCWNRSGHCRKQCKDGEAVKDTCKNLRACCIPSNEDHRRVPATSP TPLSDSTPGIIDDILTVRFTTDYFEVSSKDKMVEESEAGRGTTETSLPNVHHSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_473453
Locus ID:	117285
UniProt ID:	Q96PH6 , A0A384MTK2
RefSeq Size:	1158
Cytogenetics:	20q11.21



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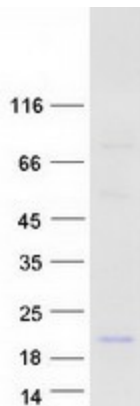
RefSeq ORF: 369

Synonyms: C20orf63; DEFB-18; ESC42; ESP13.6

Summary: 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. [provided by RefSeq, Nov 2014]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DEFB118 protein (Cat# TP321558). The protein was produced from HEK293T cells transfected with DEFB118 cDNA clone (Cat# [RC221558]) using MegaTran 2.0 (Cat# [TT210002]).