

## Product datasheet for **TP317724M**

### DEFB124 (NM\_001037500) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human defensin, beta 124 (DEFB124), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217724 representing NM_001037500 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MTQLLLFLVALLVLGHVPSGRSEFKRCWKGQGACQTYCTRQETYMHLCPDASLCCLSYALKPPPVPKHEY E  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	7.9 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:	<a href="#">NP_001032589</a>
Locus ID:	245937
UniProt ID:	<a href="#">Q8NES8</a>
RefSeq Size:	216
Cytogenetics:	20q11.21



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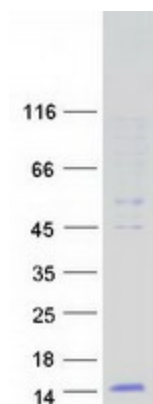
RefSeq ORF: 213

Synonyms: DEFB-24

**Summary:** Defensins are cysteine-rich cationic polypeptides that are important in the host immunologic response to invading microorganisms. This antimicrobial protein 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 20q11.1. The encoded protein may serve to enhance innate immunity in the prostate. [provided by RefSeq, Nov 2014]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified DEFB124 protein (Cat# [TP317724]). The protein was produced from HEK293T cells transfected with DEFB124 cDNA clone (Cat# [RC217724]) using MegaTran 2.0 (Cat# [TT210002]).