

Product datasheet for **TP316994**

DEFB113 (NM_001037729) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens defensin, beta 113 (DEFB113), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216994 representing NM_001037729 Red =Cloning site Green =Tags(s) MKILCIFLTFVFTVSCGPSVPQKKTREVAERKRECQLVRGACKPECNSWEYVYYCQVNPCCAVWEYQKP IINKITSKLHQK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.5 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_001032818
Locus ID:	245927
UniProt ID:	Q30KQ7
RefSeq Size:	249
Cytogenetics:	6p12.3



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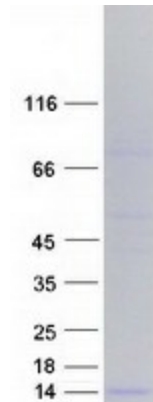
RefSeq ORF: 246

Synonyms: DEFB-13

Summary: 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. [provided by RefSeq, Oct 2014]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DEFB113 protein (Cat# TP316994). The protein was produced from HEK293T cells transfected with DEFB113 cDNA clone (Cat# [RC216994]) using MegaTran 2.0 (Cat# [TT210002]).