

## Product datasheet for TP318014L

### DEFB131A (NM\_001040448) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human defensin, beta 131 (DEFB131), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218014 representing NM_001040448 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MRVLFFVFGVLSLMFTVPPGRSFISNDECPSEYYHCRLKCNADHAIRYCADFSICCKLKIIEIDGQKKW  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	8 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_001035538</a>
Locus ID:	644414
UniProt ID:	<a href="#">P59861</a>
RefSeq Size:	213
Cytogenetics:	4p16.1



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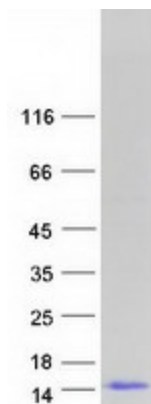
RefSeq ORF: 210

Synonyms: DEFB-31; DEFB131

**Summary:** Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene 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 4p16. [provided by RefSeq, Nov 2014]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified DEFB131A protein (Cat# [TP318014]). The protein was produced from HEK293T cells transfected with DEFB131A cDNA clone (Cat# [RC218014]) using MegaTran 2.0 (Cat# [TT210002]).