

## Product datasheet for **TP312030M**

### DEFB125 (NM\_153325) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human defensin, beta 125 (DEFB125), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC212030 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MNILMLTFIICGLLTRVTKGSFEPQKCWKNNVGHCRRLDTERYILLCRNKLSCCISISHEYTRRPAF  
PVIHLEDITLDYSDVDSFTGSPVSMNLNLIITFDTTKFGETMTPETNTPETTMPPSEATTPETTMPPSETA  
TSETMPPPSQTALTHN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 15.3 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\\_697020](#)

**Locus ID:** 245938

**UniProt ID:** [Q8N687](#), [B2R4E8](#)

**RefSeq Size:** 709



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Cytogenetics: 20p13

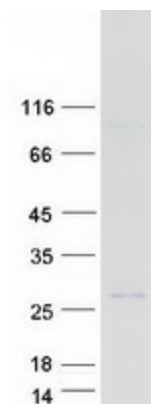
RefSeq ORF: 468

Synonyms: DEFB-25

**Summary:** Defensins are cysteine-rich cationic polypeptides that are important in the host 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 20p13. [provided by RefSeq, Nov 2014]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified DEFB125 protein (Cat# [TP312030]). The protein was produced from HEK293T cells transfected with DEFB125 cDNA clone (Cat# [RC212030]) using MegaTran 2.0 (Cat# [TT210002]).