

Recombinant Human DEFB104B Protein

Cat. No. DEFB104B-481H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB104B was expressed in E. coli.
Species	Human
Source	E.coli
Description	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. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin, beta 104, DEFB104A and DEFB104B, in head-to-head orientation. This gene, DEFB104B, represents the more telomeric copy.
Form	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 130mM NaCl, pH 7.4. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Molecular Mass	6 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration Resuspend the protein to the desired concentration in proper buffer.

GENE INFORMATION

Gene Name DEFB104B defensin, beta 104B [Homo sapiens]

Official Symbol DEFB104B

Synonyms DEFB104B; defensin, beta 104B; beta-defensin 104; beta-defensin 4; defensin, beta 104; BD-4; hBD-4; DEFB-4; DEFB104A;

Gene ID 503618

mRNA Refseq NM_001040702

Protein Refseq NP_001035792

UniProt ID Q8WTQ1

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