

Product datasheet for **TP720107M**

DEFB104B (NM_001040702) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human defensin, beta 104B (DEFB104B)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Glu23-Pro72
Tag:	Tag Free
Predicted MW:	6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 130mM NaCl, pH 7.4
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001035792
Locus ID:	503618
UniProt ID:	Q8WTQ1
Cytogenetics:	8p23.1
Synonyms:	BD-4; DEFB-4; hBD-4
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. 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. [provided by RefSeq, Oct 2014]



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Product images:

