

Product datasheet for **TP726767**

BD4 (DEFB104A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human β -Defensin 4/DEFB4
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu23-Pro72
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 130mM NaCl, pH 7.4.
Note:	Recombinant Human beta-Defensin 4 is produced by our E.coli expression system and the target gene encoding Glu23-Pro72 is expressed.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	140596
UniProt ID:	Q8WTQ1
Synonyms:	Beta-Defensin 104; Beta-Defensin 4; BD-4; DEFB-4; hBD-4; Defensin Beta 104; DEFB104A; DEFB104; DEFB4; DEFB104B
Summary:	Defensins are cationic peptides. It is an important ingredient of the innate immune system. β -defensins are expressed on some leukocytes and epithelial surfaces. Four human β -Defensins have been identified to date: BD-1, BD-2, BD-3 and BD-4. β -defensins contain a six-cysteine motif, they forms three intra-molecular disulfide bonds. β -defensins are also chemoattractant towards immature dendritic cells and memory T cells. The β -defensin proteins are expressed as the C-terminal portion of precursors; they are released by proteolytic cleavage of a signal sequence.
Protein Families:	Secreted Protein



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