

Data Sheet

HUMAN β-DEFENSIN 2 (aa 4-41)

SYNTHETIC

Catalog no.:	AE1110AG.1 / AE1110AG.2
Name:	Human β-Defensin 2 (aa 4-41)
Sequence:	DPVTCLKSGAICHPVFCPRRYKQIGTCGLPGTKCCKKP
Synonyms:	Beta-Defensin 2, beta 2, BD-2, Skin-antimicrobial peptide, SAP1
Swiss-Prot No:	O15263
Gene Information:	Gene Name: DEFB4
	GeneID: 1673
Source:	Synthetic
Purity:	> 95% (HPLC)
Contents:	100 µg / 1 mg (lyophilized)
	Resuspend in 0.1% acetic acid for required concentration
Store at:	- 20 °C
	Repeated thawing and freezing must be avoided
Reference:	1. Langhorst J, Junge A, Rueffer A, Wehkamp J, Foell D, Michalsen A, Musial F, Dobos GJ (2009). Elevated Human [beta]-Defensin-2 Levels Indicate an Activation of the Innate Immune System in Patients With Irritable Bowel Syndrome. *Am J Gastroenterol* **104**(2)**:** 404-410.
Last updated on:	23 October 2019

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