antibodies .- online.com







beta 2 Defensin Protein



Image



Overview

Quantity:	20 μg
Target:	beta 2 Defensin (BD-2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func), Antibody Production (AbP), Standard (STD), Protein Interaction (PI)
Product Details	
Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Specificity: Characteristics:	Optimal preservation of protein structure, post-translational modifications and functions. Recombinant human Defensin beta 2 protein expressed in E. coli. Produced with end-sequenced ORF clone Tested for bioactivity.
· ·	 Recombinant human Defensin beta 2 protein expressed in E. coli. Produced with end-sequenced ORF clone
Characteristics:	 Recombinant human Defensin beta 2 protein expressed in E. coli. Produced with end-sequenced ORF clone Tested for bioactivity.

Target Details

Target:	beta 2 Defensin (BD-2)
Alternative Name:	Defensin beta 2 (BD-2 Products)

Target Details

Background:	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members
	of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta
	4, an antibiotic peptide which is locally regulated by inflammation.
Molecular Weight:	4.3 kDa
NCBI Accession:	NP_004933

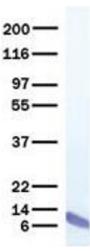
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
	Protein-protein interaction
	In vitro biochemical assays and cell-based functional assays
Restrictions:	For Research Use only

Handling

Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20 mM phosphate buffer,100 mM NaCl, pH 7.2
Handling Advice:	Resuspend the protein in the desired concentration in proper buffer
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot