

Datasheet for ABIN2719356
beta 2 Defensin Protein



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1 Image

Overview

Quantity:	10 µg
Target:	beta 2 Defensin (BD-2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Defensin beta 2 protein expressed in E. coli.• Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

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

Target Details

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

Restrictions: For Research Use only

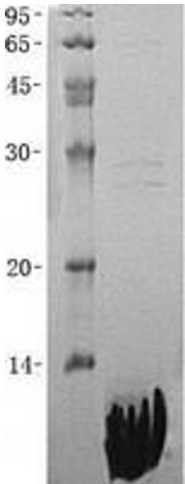
Handling

Buffer: Lyophilized from a 0.2 µM filtered solution of 20 mM Phosphate buffer, 130 mM NaCl, pH 7.4.
Stable for at least 6 months from date of receipt under proper storage and handling conditions.

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