

Product datasheet

Recombinant human beta 2 Defensin/BD-2 protein (Active) ab9872

Description

Product name	Recombinant human beta 2 Defensin/BD-2 protein (Active)
Biological activity	Determined by its ability to chemoattract immature human dendritic cells using a concentration of 10.0-100.0 ng/ml.
Purity	>= 98 % SDS-PAGE. >= 98% HPLC analyses. Sterile filtered.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>O15263</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P
Predicted molecular weight	4 kDa
Amino acids	24 to 64

Specifications

Our **Abpromise guarantee** covers the use of **ab9872** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE HPLC
Form	Lyophilized
Additional notes	beta 2 Defensin/BD-2 protein is expressed as the C-terminal portion of precursors and is released by proteolytic cleavage of a signal sequence (aa 1-23). The biological activity of this product is determined by its ability to chemoattract immature human dendritic cells using a concentration range of 10.0-100.0 ng/ml.

Previously labelled as beta 2 Defensin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function	Has antibacterial activity.
Tissue specificity	Expressed in the skin and respiratory tract.
Sequence similarities	Belongs to the beta-defensin family. LAP/TAP subfamily.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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