

Product datasheet

Synthetic Human beta 2 Defensin/BD-2 protein ab174985

Description

Product name	Synthetic Human beta 2 Defensin/BD-2 protein
Purity	> 95 % HPLC.
Expression system	Synthetic
Accession	<u>O15263</u>
Protein length	Full length protein
Animal free	No
Nature	Synthetic
Species	Human
Sequence	GIGDPVTCLKSGAICHPVFCPRRYKQIGTCGLPGTKCCKK P
Predicted molecular weight	4 kDa
Amino acids	24 to 64
Additional sequence information	Modifications: Disulphide bridge. Sequence refers to the mature full length protein.

Specifications

Our **Abpromise guarantee** covers the use of **ab174985** in the following tested applications.

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

Applications	HPLC
Form	Lyophilized
Additional notes	Previously labelled as beta 2 Defensin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Reconstitution	It is recommended vials be centrifuged prior to opening. Water can be used to prepare stock solutions of 20 µmol.L-1. Stock solutions with up to 30% DMSO/water can also be prepared.

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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