

Product datasheet

Recombinant rat beta 2 Defensin/BD-2 protein ab202804

Description

Product name	Recombinant rat beta 2 Defensin/BD-2 protein
Biological activity	Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human monocytes is in a concentration range of 0.1-100.0 ng/mL.
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>O88514</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Rat
Sequence	QSINNPITCL TKGGVCWGPC TGGFRQIGTC GLPRVRCKK K
Predicted molecular weight	7 kDa
Amino acids	23 to 63
Additional sequence information	This product is for the mature full length protein from aa 23 to 63. The signal peptide is not included.

Specifications

Our **Abpromise guarantee** covers the use of **ab202804** 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 HPLC SDS-PAGE
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.

pH: 7.40

Constituents: 2.9% Sodium chloride, 97% Phosphate Buffer

Lyophilized from a 0.2 µm filtered concentrated solution

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Briefly centrifuge prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

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"

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