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Datasheet for ABIN7505028

beta Defensin 1 Protein (AA 24-64) (GST tag)

Overview

Quantity:	100 µg
Target:	beta Defensin 1 (DEFB1)
Protein Characteristics:	AA 24-64
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This beta Defensin 1 protein is labelled with GST tag.

Product Details

Sequence:	Gly24-Pro64
Characteristics:	A DNA sequence encoding the Human DEFβ2/DEFB2 protein (O15263) (Gly24-Pro64) was expressed with a N-GST.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	beta Defensin 1 (DEFB1)
Abstract:	DEFB1 Products
Background:	<p>Background: Exhibits antimicrobial activity against Gram-negative bacteria and Gram-positive bacteria. May act as a ligand for C-C chemokine receptor CCR6. Can bind to both human and mouse CCR6 and induce chemotactic activity of CCR6-expressing cells.</p> <p>Synonym: Beta-defensin 2,BD-2,hBD-2,Defensin, beta 2,Skin-antimicrobial peptide 1,SAP1</p>

Target Details

Molecular Weight: 30.3 kDa

UniProt: [O15263](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months