

Bioactive

DFB4A (Human) Recombinant Protein

Catalog # P7172

Size 20 ug

Specification

Product Description	Human DFB4A (O15263, 24 a.a. - 64 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	GIGDPVTCLKSGAICHPVFCPRRYKQIGTCGLPGTKCCKKP
Host	Escherichia coli
Theoretical MW (kDa)	4.3
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using immature human dendritic cells is in a concentration range of 10.0 - 100.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — DEFB4

Entrez GeneID	1673
Protein Accession#	O15263
Gene Name	DEFB4
Gene Alias	DEFB-2, DEFB102, DEFB2, HBD-2, SAP1
Gene Description	defensin, beta 4
Omim ID	266600 602215
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	defensin, beta 2 skin-antimicrobial peptide 1

Disease

- [Crohn Disease](#)
- [Cystic fibrosis](#)
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- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Pancreatitis](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)