

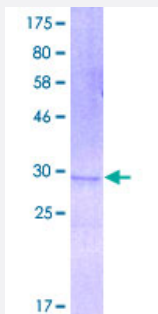
Full-Length

DEFB4 (Human) Recombinant Protein (P01)

Catalog # H00001673-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DEFB4 full-length ORF (NP_004933.1, 1 a.a. - 64 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRVLYLLFSFLFIFLMPLPGVFGGIGDPVTCLKSGAICHPVFCPRRYKQIGTCGLPGTKCKKKP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.4
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DEFB4

Entrez GeneID	1673
GeneBank Accession#	NM_004942.2
Protein Accession#	NP_004933.1
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](#)
- [Genetic Predisposition to Disease](#)

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