

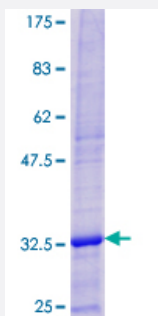
Full-Length

DEFB103A (Human) Recombinant Protein (P01)

Catalog # H00055894-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DEFB103A full-length ORF (NP_061131.1, 1 a.a. - 67 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRIHYLLFALLFLFLVPVPGHGGIINTLQKYICRVRGGRCAVLSCLPKEEQIGKCSTRGRKCCRRKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.1
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 — DEFB103A

Entrez GeneID	55894
GeneBank Accession#	NM_018661.2
Protein Accession#	NP_061131.1
Gene Name	DEFB103A
Gene Alias	DEFB103, DEFB3, HBD-3, HBD3, HBP-3, HBP3
Gene Description	defensin, beta 103A
Omim ID	606611
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 103B , which has broad spectrum antimicrobial activity and may play an important role in innate epithelial defense. [provided by RefSeq]
Other Designations	beta-defensin 3 defensin, beta 3

Disease

- [Celiac Disease](#)
- [Cystic fibrosis](#)
- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)