

Recombinant Human DEFB126 protein, His & GST-tagged

Cat. No. DEFB126-1550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEFB126 aa. (Asn21~Gly111 (Accession # Q9BYW3)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn21~Gly111
Description	Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 20p13. The encoded protein is highly similar to an epididymal-specific secretory protein (ESP13.2) from cynomolgus monkey. Mutation of this gene is associated with impaired sperm function.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.4

GENE INFORMATION

Gene Name	DEFB126 defensin beta 126 [Homo sapiens (human)]
Official Symbol	DEFB126
Synonyms	DEFB126; defensin beta 126; HBD26; DEFB26; hBD-26; C20orf8; DEFB-26; bA530N10.1; beta-defensin 126; epididymal secretory protein ESP13.2
Gene ID	81623
mRNA Refseq	NM_030931.3
Protein Refseq	NP_112193.1

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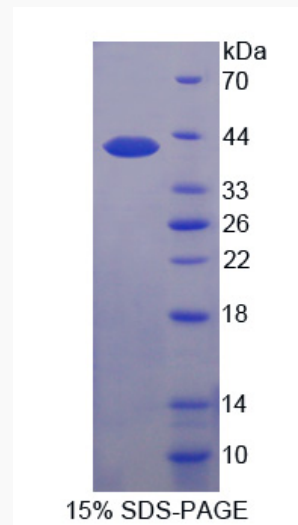
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UniProt ID

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SDS-PAGE

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