# Recombinant Full Length Human DEFB125 Protein, GST-tagged

**Cat. No.** DEFB125-2437HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human DEFB125 full-length ORF (BAG34745.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 152 amino acids |
| **Description** | Defensins are cysteine-rich cationic polypeptides that are important in the host 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. [provided by RefSeq, Nov 2014] |
| **Molecular Mass** | 43.12 kDa |
| **AA Sequence** | MLTFIICGLLTRVTKGSFEPQKCWKNNVGHCRRRCLDTERYILLCRNKLSCCISIISHE YTRRPAFPVIHLEDITLDYSDVDSFTGSPVSMLNDLITFDTTKFGETMTPETNTPETT MPPSEATTPETTMPPSETATSETMPPPSQTALTHN |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production |

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

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| | Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | DEFB125 defensin, beta 125 [ Homo sapiens ] |
| **Official Symbol** | DEFB125 |
| **Synonyms** | DEFB-25 |
| **Gene ID** | 245938 |
| **mRNA Refseq** | NM_153325.2 |
| **Protein Refseq** | NP_697020.2 |
| **UniProt ID** | Q8N687 |

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