

# Recombinant Human DEF $\beta$ 2/DEFB2 protein(GST tag)

Catalog Number:PDEH100112



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

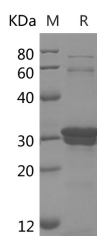
## Description

<b>Synonyms</b>	Beta-defensin 2;BD-2;hBD-2;Defensin;beta 2;Skin-antimicrobial peptide 1;SAP1
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Gly24-Pro64
<b>Accession</b>	O15263
<b>Calculated Molecular Weight</b>	30.3 kDa
<b>Observed molecular weight</b>	33 kDa
<b>Tag</b>	N-GST

## Properties

<b>Purity</b>	> 85 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 85 % as determined by reducing SDS-PAGE.

## Background

Exhibits antimicrobial activity against Gram-negative bacteria and Gram-positive bacteria. May act as a ligand for C-C chemokine receptor CCR6. Can bind to both human and mouse CCR6 and induce chemotactic activity of CCR6-expressing cells.

## For Research Use Only

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Fax: 1-832-243-6017