

Recombinant Human DEF β 2/DEFB2 protein(GST tag)

Catalog Number:PDEH100112



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

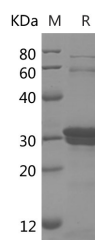
Description

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

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	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.

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