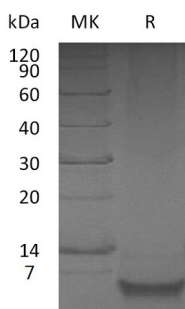


概述 (Summary)

英文全称	B-Defensin 1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Beta-Defensin 1 is produced by our E.coli expression system and the target gene encoding Gly22-Lys68 is expressed.
Accession #	P60022
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	5.07 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 130mM NaCl, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human DEFB1
Catalog #: PEH0141



背景 (Background)

分子别名 (Alternative Names)

Beta-Defensin 1; BD-1; hBD-1; Defensin Beta 1; DEFB1; BD1; HBD1

背景介绍 (References)

β -Defensin 1 (DEFB1) is a member of the β -defensin family, which is highly expressed by epithelial cells. β -defensins are expressed as the C-terminal portion of precursors and are released by proteolytic cleavage of a signal peptide. β -defensins contain a six-cysteine motif that forms three intramolecular disulfide bonds. β -defensin 1 is an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. Defects in β -Defensin-1 contribute to asthma diagnosis, with apparent gender-specific effects in human. β -defensin 1 may also play a role in the pathogenesis of severe sepsis. In addition, β -defensin 1 is associated with induction profiles in gingival keratinocytes.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.