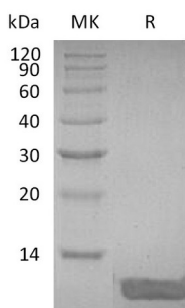


Summary

Name	B-Defensin 4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	Recombinant Human Beta-Defensin 4 is produced by our E.coli expression system and the target gene encoding Glu23-Pro72 is expressed.
Accession #	Q8WTQ1
Host	E.coli
Species	Human
Predicted Molecular Mass	5.99 KDa
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 130mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at \leq -70°C, stable for 6 months after receipt. Store at \leq -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Human DEFB4
Catalog #: PEH0142



Alternative Names

Beta-Defensin 104; Beta-Defensin 4; BD-4; DEFB-4; hBD-4; Defensin Beta 104; DEFB104A; DEFB104; DEFB4; DEFB104B

Background

Defensins are cationic peptides. It is an important ingredient of the innate immune system. β -defensins are expressed on some leukocytes and epithelial surfaces. Four human β -Defensins have been identified to date: BD-1, BD-2, BD-3 and BD-4. β -defensins contain a six-cysteine motif, they forms three intra-molecular disulfide bonds. β -defensins are also chemoattractant towards immature dendritic cells and memory T cells. The β -defensin proteins are expressed as the C-terminal portion of precursors; they are released by proteolytic cleavage of a signal sequence.

Note

For Research Use Only , Not for Diagnostic Use.