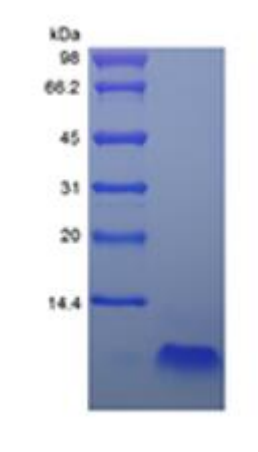
Active Recombinant Human DEFB4 protein

Cat. No. DEFB4-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DEFB4 protein(Q8WTQ1)(23-72 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	23-72 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration range of 0.1-100.0 ng/ml.
Molecular Mass	Approximately 6.0 kDa, a single non-glycosylated polypeptide chain containing 50 amino acids.
AASequence	EFELDRICGY GTARCRKKCR SQEYRIGRCP NTYACCLRKW DESLLNRTKP
Endotoxin	Less than 1 EU/μg of rHuBD-4 as determined by LAL method.
Purity	> 98 % by SDS-PAGE and HPLC analyses.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
SDS-PAGE	

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