

Human DEFB4A/DEFB102/DEFB2/DEFB4/DEFB4B recombinant protein



Catalog Number: 519964

General Information

Gene Name Synonym

Beta-Defensin 4A; Beta-Defensin 2; BD-2; hBD-2;
Defensin, Beta 2; Skin-Antimicrobial Peptide 1;
SAP1; DEFB4A; DEFB102; DEFB2; DEFB4;
DEFB4B

Protein Construction

A DNA sequence encoding the Human
DEFB4A/DEFB102/DEFB2/DEFB4/DEFB4B Gly24-
Pro64 is expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL
method.

Stability

Store for up to 12 months at -20°C to -80°C as
lyophilized powder. Aliquots of reconstituted
samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Formulation

Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of
20mM PB, 130mM NaCl, pH 7.4.

Usage Guide

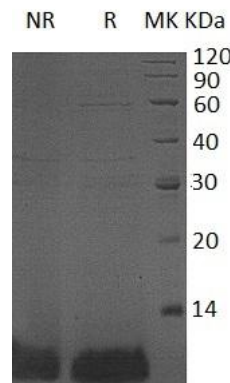
Storage

Lyophilized protein should be stored at $<-20^{\circ}\text{C}$,
though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at
 $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not
mix by vortex or pipetting. It is not recommended
to reconstitute to a concentration less than
 $100\ \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in
ddH₂O. Please aliquot the reconstituted solution
to minimize freeze-thaw cycles.

SDS-PAGE



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recombinant protein