

# 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°C for 3 months.

## Formulation

Lyophilized from a 0.2 µm filtered solution of  
20mM PB, 130mM NaCl, pH 7.4.

## Usage Guide

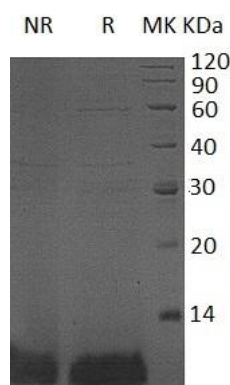
### Storage

Lyophilized protein should be stored at <-20°C,  
though stable at room temperature for 3 weeks.  
Reconstituted protein solution can be stored at  
4-7°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  
100µg/ml. Dissolve the lyophilized protein in  
ddH<sub>2</sub>O. Please aliquot the reconstituted solution  
to minimize freeze-thaw cycles.

## SDS-PAGE



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