

# Efalizumab Biosimilar, Endotoxin 0.05 EU/mg

Catalog No.: YR0112

## Basic Information

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### Molecular Weight

150 kDa

### Endotoxin

<0.05EU/mg (<0.00005EU/μg)  
Determined by LAL gel clotting assay

### Sterility

0.2 μm filtration

### Aggregation

<5% Determined by SECP

### Purity

>95% Determined by SDS-PAGE

## Background

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Efalizumab is a monoclonal anti-CD11a antibody used to treat moderate to severe plaque psoriasis. Humanized IgG1 kappa isotype monoclonal antibody that binds to human CD11a. Efalizumab has a molecular weight of approximately 150 kilodaltons and is produced in a Chinese hamster ovary mammalian cell expression system in a nutrient medium containing the antibiotic gentamicin. Efalizumab binds to CD11a, a subunit of leukocyte function antigen-1 (LFA-1), which is expressed on all leukocytes. As a result efalizumab decreases cell surface expression of CD11a.

## Reported Applications

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ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways

## Immunogen Information

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### Clone

Efalizumab

### Isotype

Human IgG1 kappa

### Immunogen

Human CD11a

### Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

### Recommended Dilution Buffer

1×PBS pH 7.0

## Contact

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## Product Information

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### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

Protein A or G purification

### Storage

2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)