# Human CLEC10A/MGL1/CD301 (Fc Tag) recombinant protein

Catalog Number: 502208



### **General Information**

#### **Gene Name Synonym**

C-type lectin superfamily member 14; Macrophage lectin 2

#### **Protein Construction**

A DNA sequence encoding the human CLEC10A (Q8IUN9-2) (Gln61-His292) was expressed, with the fused Fc region of human IgG1 at the N-terminus.

#### **Organism**

Human

## **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### Predicted N terminal

Glu

#### **Molecular Mass**

The recombinant human CLEC10A/Fc is a

disulfide-linked homodimer. The reduced monomer comprises 492 amino acids and has a predicted molecular mass of 54.6 kDa. The apparent molecular mass of the protein is approximately 58 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

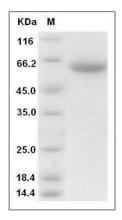
## **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human CLEC10A / MGL1 / CD301 Protein (Fc Tag) SDS-PAGE