

## General Information

### Gene Name Synonym

C-type lectin superfamily member 8; C-type lectin-like receptor 6

### Protein Construction

A DNA sequence encoding the human CLEC4D (NP\_525126.2) extracellular domain (Gly 52-Asn 215) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

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

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

His

### Molecular Mass

The recombinant human CLEC4D consists of 180

amino acids and has a calculated molecular mass of 21.2 kDa. In SDS-PAGE under reducing conditions, rhCLEC4D migrates as several bands with apparent molecular mass of 21-27 kDa due to different 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

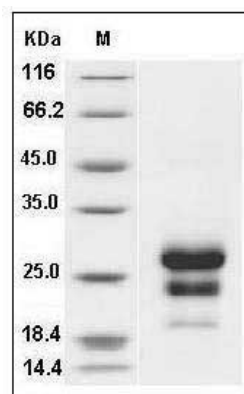
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 CLEC4D / CLECSF8 Protein (His Tag)  
SDS-PAGE