# **Human SIGLEC5 (Fc Tag) recombinant protein**

Catalog Number: 500211



## **General Information**

### Gene Name Synonym

CD33 antigen-like 2; Obesity-binding protein 2

#### **Protein Construction**

A DNA sequence encoding the human SIGLEC5 (O15389) (Met1-Thr 434) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

## **Organism**

Human

## **Expression Host**

**Human Cells** 

## **QC Testing**

#### **Purity**

> 90 % 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 17

#### **Molecular Mass**

The recombinant human SIGLEC5 /Fc is a

disulfide-linked homodimer. The reduced monomer comprises 659 amino acids and has a predicted molecular mass of 73.4 kDa. The apparent molecular mass of the protein is approximately 74-93 kDa in SDS-PAGE under reducing conditions.

#### **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**

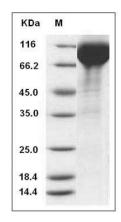
## **Storage**

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 SIGLEC5 Protein (Fc Tag) SDS-PAGE