

# Ferret CD20/MS4A1 (His Tag) recombinant protein



Catalog Number: 504619

## General Information

### Protein Construction

A DNA sequence encoding the C-terminal cytoplasmic domain of Ferret (*Mustela putorius furo*) CD20 (Glu 213-Pro 297) was expressed, with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

### Organism

Ferret

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % 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

Glu 213

### Molecular Mass

The recombinant Ferret CD20 consists of 96 amino acids and has a calculated molecular mass

of 11.3 kDa. The apparent molecular mass of the recombinant protein is approximately 25 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

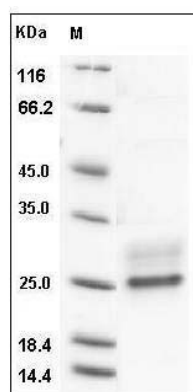
### Storage

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



Ferret CD20 / MS4A-1 Protein (His Tag) SDS-PAGE