# 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**

 $< 1.0 \; EU \; per \; \mu g$  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 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**

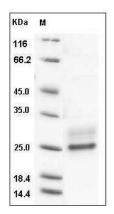
#### **Storage**

Store it under sterile conditions at -20°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**



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