

Recombinant Ferret MS4A1 protein(Glu213-Pro297), His-tagged

Cat. No. MS4A1-09F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Ferret (<i>Mustela putorius furo</i>) CD20 (Glu 213-Pro 297) was expressed in HEK293, with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Ferret
Source	HEK293
ProteinLength	213-297 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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