

Recombinant Ferret CD8A protein(Met1-Glu186), His-tagged

Cat. No. CD8A-1021F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Ferret (<i>Mustela putorius furo</i>) CD8A (ABS50091.1)(Met 1-Glu 186) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Ferret
Source	HEK293
ProteinLength	1-186 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.
Bio-activity	1. Measured by its ability to bind biotinylated recombinant human B2M in a functional ELISA. 2. Measured by its ability to bind biotinylated recombinant human FCGRT+B2M in a functional ELISA. 3. Measured by its ability to bind biotinylated recombinant human LCK in a functional ELISA.
Molecular Mass	The recombinant Ferret CD8A consists of 175 amino acids and has a calculated molecular mass of 19.5 kDa. The apparent molecular mass of the recombinant protein is approximately 28-33 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	> 92 % as determined by SDS-PAGE

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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 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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