

Active Recombinant Ferret CD4 Protein, His-tagged

Cat. No. CD4-1023F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of Ferret (<i>Mustela putorius furo</i>) CD4 (ABS50090.1) (Met 1-Leu 401) was expressed, with a polyhistidine tag at the C-terminus.
Species	Ferret
Source	HEK293
ProteinLength	1-401 a.a.
Predicted N Terminal	Glu 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When 5×10^4 cells/well are added to CD4 coated plates (1.25 µg/mL and 100 µL/well), approximately >50% will adhere specifically after 30
Molecular Mass	The recombinant Ferret CD4 consists of 386 amino acids and has a calculated molecular mass of 42.7 kDa. The apparent molecular mass of the recombinant protein is approximately 52 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.

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Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD4 CD4 molecule [<i>Mustela putorius furo</i>]
Official Symbol	CD4
Synonyms	CD4 molecule
Gene ID	101684487
mRNA Refseq	NM_001310164
Protein Refseq	NP_001297093
MIM	
UniProt ID	

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