Recombinant Ferret IFNG protein(Met1-Lys166), His-tagged

Cat. No. IFNG-2404F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant ferret IFNG (A4PIZ9) (Met1-Lys166) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Ferret
Source	HEK293
ProteinLength	Met1-Lys166
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 IFNG consists of 154 amino acids and has a calculated molecular mass of 18.4 kDa. The apparent molecular mass of the recombinant protein is approximately 28, 23 and 19 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	> 95 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name	IFNG interferon, gamma [Mustela putorius furo (domestic ferret)]
Official Symbol	IFNG
Synonyms	IFNG; interferon, gamma
Gene ID	101693741
mRNA Refseq	XM_004752468
Protein Refseq	XP_004752525

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