

Recombinant dog IFN-Alpha protein

Catalog Number: bs-41074P

Concentration: >0.5 mg/ml

AA Seq: 24-187/187

Predicted MW: 18

Detected MW: 18 kDa

Tags: Tag free

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Sep 2011]
The type I interferons consist of 14 different alpha isoforms (subtypes with slightly different specificities), and single beta, omega, epsilon and kappa isoforms. Homologous molecules are found in many species, including rats and mice (and most mammals), and have been identified in birds, reptiles and fish species. Interferon alpha is produced primarily by plasmacytoid dendritic cells and is a potent component of the anti viral innate immune response; it modulates adaptive immunity.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.