Recombinant Interferon Gamma (IFNg) Instruction Manual

SIPA030Ca01

Canis familiaris; Canine (Dog)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass20.7kDa

Accurate Molecular Mass 21kDa(Analysis of differences refer to the manual)

Residues & Tags Gln24~Lys166 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 9.9

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

QAMFFKE IENLKEYFNA SNPDVSDGGS

LFVDILKKWR EESDKTIIQS QIVSFYLKLF DNFKDNQIIQ RSMDTIKEDM LGKFLNSSTS KREDFLKLIQ IPVNDLQVQR KAINELIKVM NDLSPRSNLR KRKRSQNLFR GRRASK

USAGE

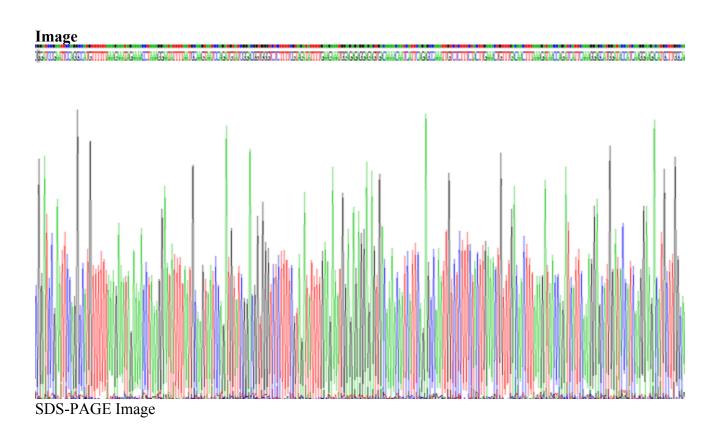
Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.