

Recombinant Dog IFNA1 protein, His & GST-tagged

Cat. No. IFNA1-633D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IFNA1 aa. (Ala23~Lys187) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ala23~Lys187
Form	Freeze-dried powder
Molecular Mass	50kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Characteristic	The isoelectric point is 7.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
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

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than 5% within the expiration date under appropriate storage condition.

Storage

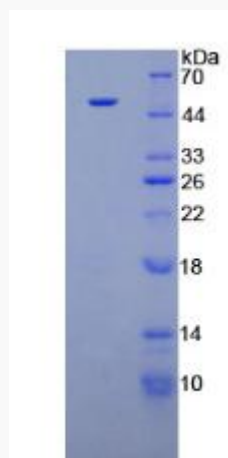
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

SDS-PAGE


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