

Recombinant Interferon Alpha (IFNa) Instruction Manual

SIPA017Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	23.1kDa
Accurate Molecular Mass	23kDa(Analysis of differences refer to the manual)
Residues & Tags	Cys24~Ser192 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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CDLPHTH NLRNKRVFTL LAQMRRLSPV  
SCLKDRKYFG FPLEKVDGQQ IQKAQAIPVL HELTQQILSL FTSKESSTAW  
DATLLDSFCN DLQQQLSGLQ ACLMQQVGQVQ ESPLTQEDSL LAVREYFHRI  
TVYLRENKHS PCAWEVVKAE VWRALSSAN LMGRLEERN ES
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

